

VALLEY BENCHMARK CITIES FY 2018-19 TREND REPORT (COMBINED)

Executive Summary



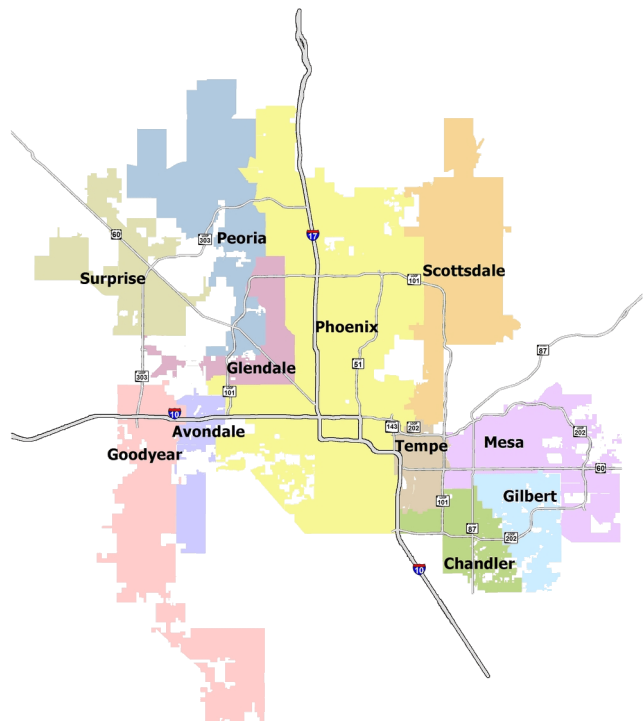
The purpose of the Valley Benchmark Cities initiative is to improve local government performance in Arizona by working collaboratively to identify and share resources, best practices, and common demographic, financial, and performance information to better understand the complex and diverse operations of the 11 participating cities (Avondale, Chandler, Gilbert, Glendale, Goodyear, Mesa, Peoria, Phoenix, Scottsdale, Surprise, and Tempe). Annually, since FY 2013-14, the Valley

Benchmark Cities initiative publishes a report to share 24 Valley-wide measures with city leadership and the public. This report includes measures in the following service categories: Demographics, Fire Services, Police Services; Library Services; Parks and Recreation Services; Water, Sewer, and Trash Services; Finance and Administration Services.

In FY 2016-17 the report has moved away from individual community trends to a report based upon regional trends using the maximum, minimum, and median of the 11 cities' data. The definition of each metric is listed beneath the chart title. Notes detailing the regional trends identified and explanations of what caused any changes are included beneath the chart for each measure. Each city's individual data can be found in the Appendix.

The most recent changes to the FY 2017-18 report include the addition of three new Library measures. Physical Item Turnover Rate, Operating & Maintenance per Square Foot, and Operating & Maintenance per Visitor were added to last year's report per the recommendation of the Valley City Managers.

In FY 2018-19 the report began adding notes to the "Appendix" to record any changes in individual cities that affect this year's data collection, but do not necessarily affect trends throughout the region. Additionally, the data definition for Water, Trash, and Sewer measures were refined to replace the term "typical monthly bill" with "standardized monthly bill" to describe water and sewer rates in the Valley.



The trends tracked for this section are Population Percent Change, Median Household Income and Poverty Rates. All of the influencing factors applied in FY 2013-14, FY 2014-15, FY 2015-16, FY 2016-17, and FY 2017-18 remain the same for this report.

INFLUENCING FACTORS

Access to Developable Land: Certain cities are able to pursue a strategy of population and development growth because they are able to acquire undeveloped land. This acquisition can be done through annexation of unincorporated land, or through developing unused land within existing city boundaries.

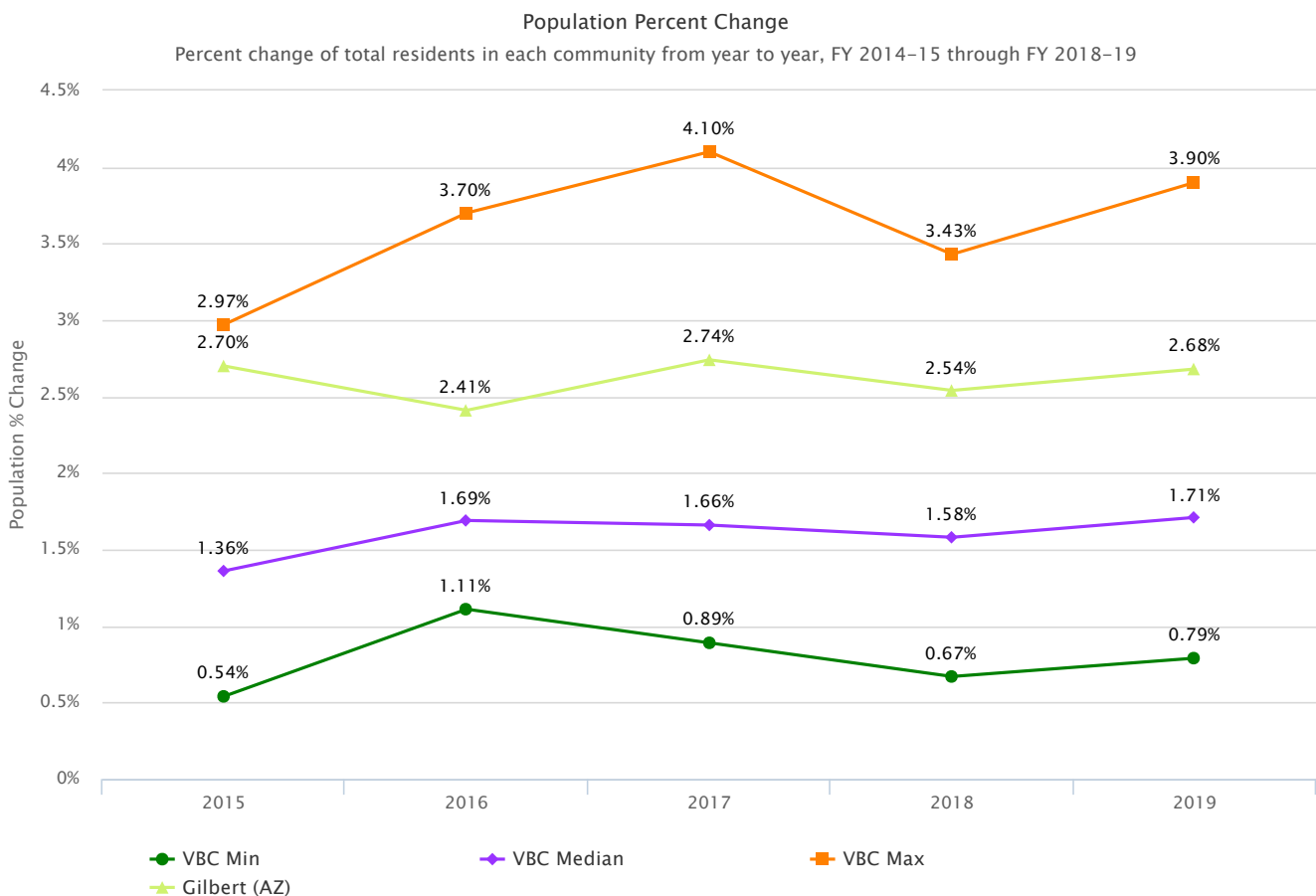
Tourism and National Recognition: The extent to which a city is nationally recognized (rather than regionally) as a resort or tourism destination might impact population trends or cost of living.

Natural Environment and Cultural Attractions: Communities that offer more cultural and recreational activities, or attractions that are unique and native to that city, may see a greater number of people wishing to reside in those communities.

Economic Health: The economic activity in a community, measured by jobs, job growth, and average salary, impacts the resilience of a community and is tied to the fiscal health of its government.

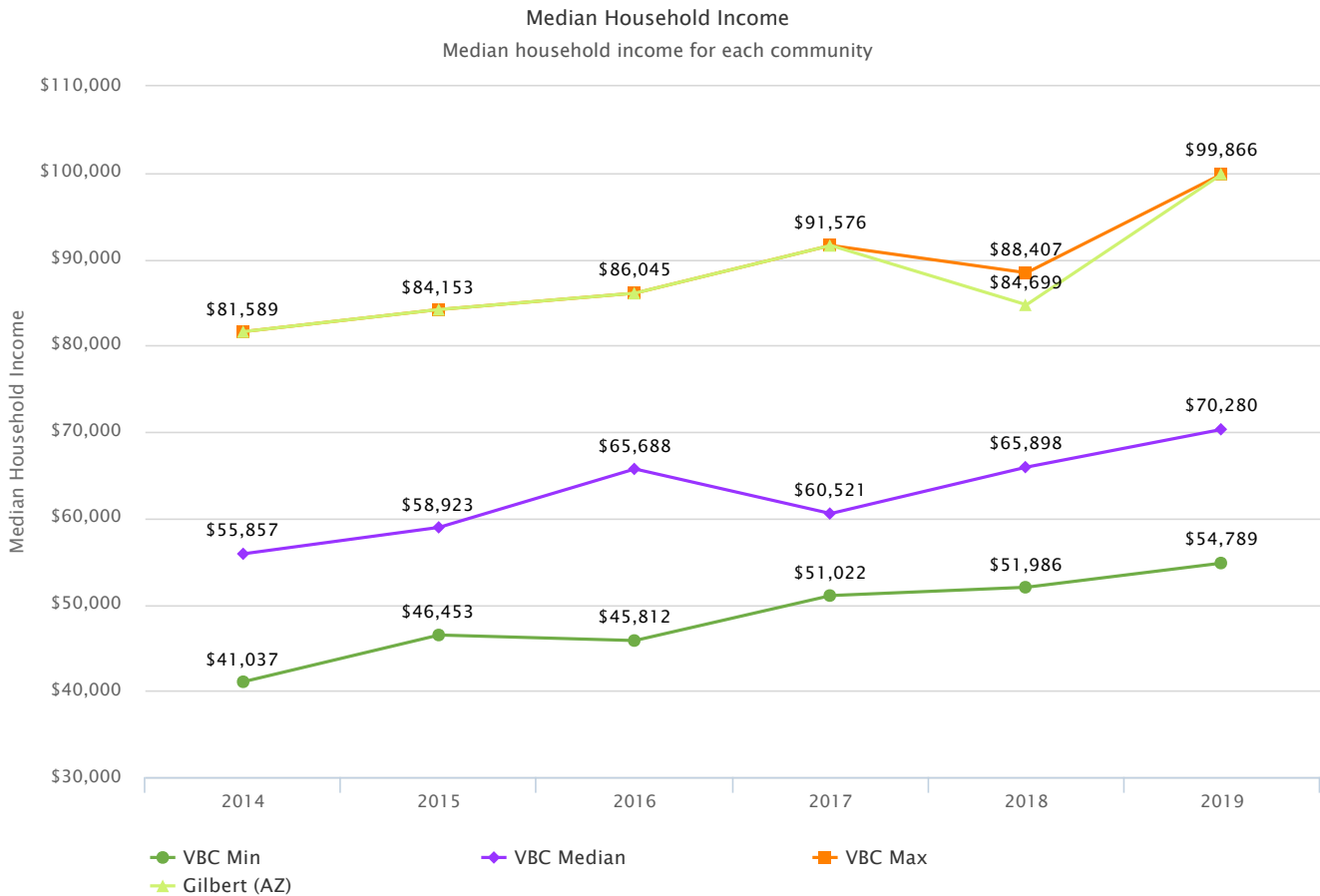
Cost of Living: The average home value, cost of transportation, and cost of consumer goods affect desirability of a community for potential residents.

Citizen Initiatives: Services and amenities can vary across jurisdictions based on voter-approved initiatives such as arts and culture, athletics, transportation, parks, preservation, and public safety.

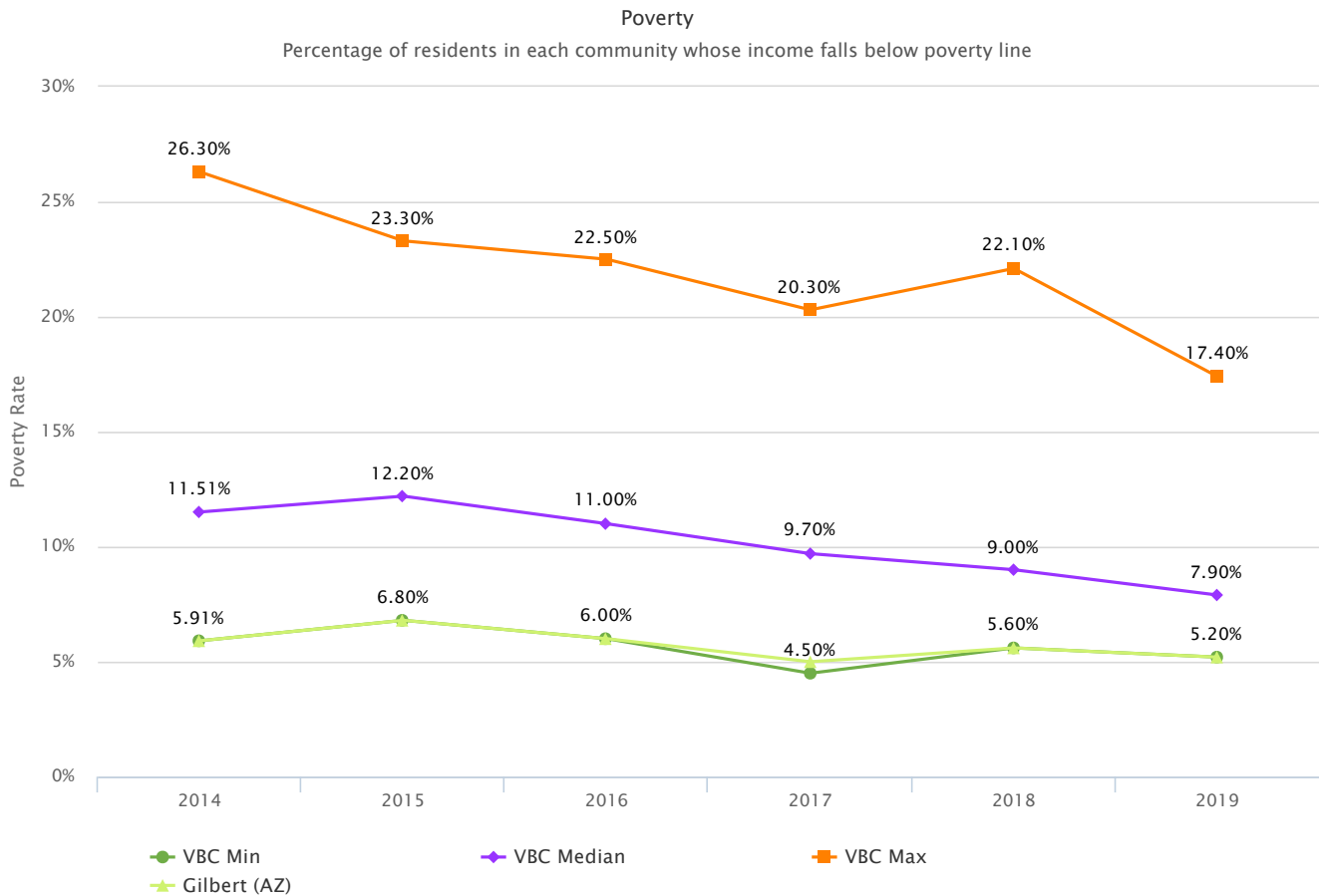


Populations across the Valley have generally been rising, though currently at slightly lower rates than prior years. Percent change in populations appear to be steady throughout the region, although some cities experienced notable increases from past years in their population growth rates.

As the population of the Valley increases, the base upon which percentage change is calculated increases, so the percent rate of population increase will likely decrease over time.



Median household income is rising (see above) and poverty is falling (see below) across the region, continuing the trend of the last five years. In FY 18-19, more cities saw an increase in their median household income and a decrease in their rates of poverty compared to FY 17-18. Some variations in the data may be the result of margin of error due to small sample sizes for individual cities.



2 - VALLEY BENCHMARK CITIES FIRE/MEDICAL SERVICES

The trends tracked for this section are Top Priority Fire/Medical Response Times and Fire/Medical Calls for Service per Resident. All of the influencing factors applied in FY 2013-14, FY 2014-15, FY 2015-16, FY 2016-17, and FY 2017-18 remain the same for this report.

INFLUENCING FACTORS

Facilities and Staff Composition: The number of fire stations and firefighters available at any given time and available specialties such as HazMat, Technical Rescue, Wildland Fires, aviation rescues, etc. may impact response times.

Risk of Fire Activity: Residential density, aged infrastructure, composition of building types, and number of large impact developments (i.e., stadiums, convention centers, airports, etc.) in the community influence fire services and management.

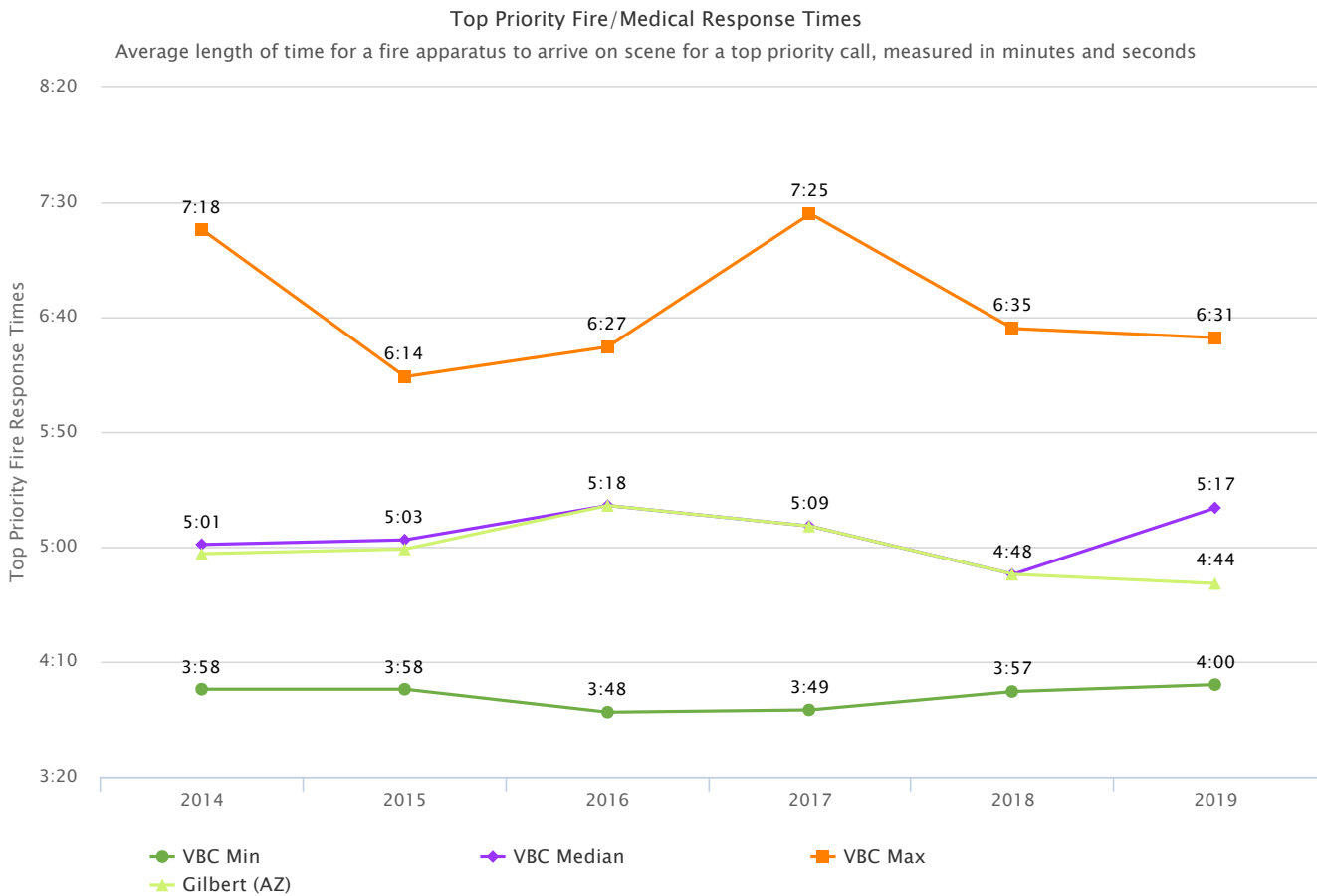
Community Characteristics: The geographic size and density of the development, as well as the built environment within the community, impacts areas service needs - i.e., a rural community with more land area may have increased response times and limited number of calls, whereas a densely populated community with older buildings and infrastructure may have a higher number of calls with a lower response time.

Demand and Type of Calls: The type and priority of calls received (e.g., high priority such as cardiac arrest) also impacts response time and resources needed.

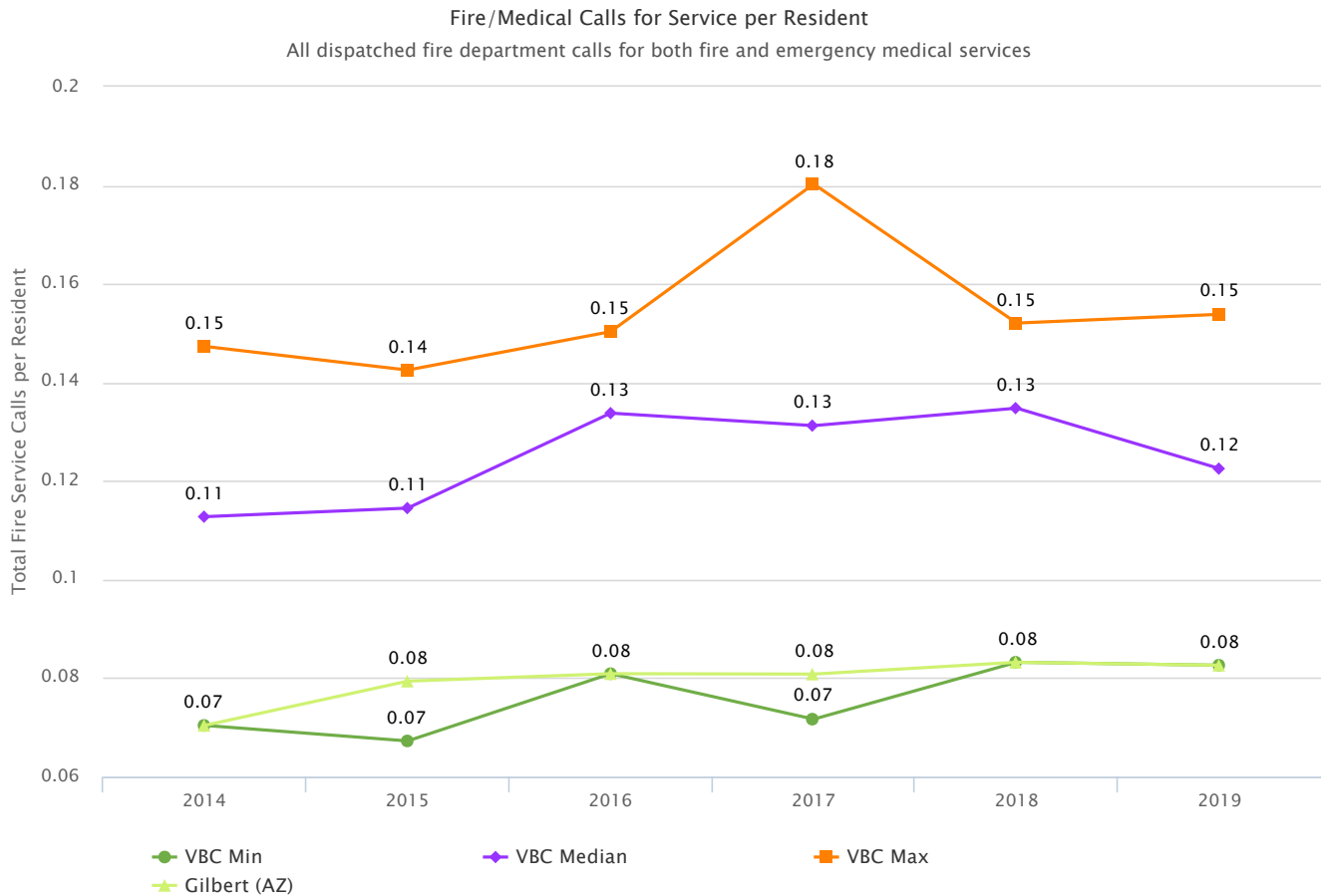
Local Service Standards: Any special operating standard or target may affect department outcomes.

Community Education and Engagement: The extent to which residents are aware of the Fire Code and take precautions and the amount of department involvement in the community are also influencing factors.

Automatic and Mutual Aid Agreements: These partnerships are designed to assure that the closest appropriate fire department resources are deployed in emergencies, no matter the jurisdictional boundaries. In addition to automatic aid, mutual aid agreements provide additional assistance that may be dispatched from a neighboring agency.



Since FY 2013-14, Fire response times have generally decreased as a whole amongst the Valley Benchmark Cities. This overall decrease may be attributed to new fire stations being constructed by a number of municipalities. A few cities experienced increases in response times due to new developments being constructed in outlying areas and increasing demand for calls.



Since FY 2013-14, fire calls per resident have generally increased as a whole amongst the Valley Benchmark Cities. Much of this increase is due to a higher volume of medical calls, not property fires.

Fire Response Times do not account for dispatch time, whereas Police Response Times are measured the moment the call is received.

3 - VALLEY BENCHMARK CITIES POLICE SERVICES

The trends tracked for this section are Police Response Times, Total Police Calls per Resident, Officer and Citizen Initiated Calls per Resident, Violent Crime Rate per 1,000 Residents, Property Crime Rate per 1,000 Residents, Violent Crime Clearance Rate, and Property Crime Clearance Rate. All of the influencing factors applied in FY 2013-14, FY 2014-15, FY 2015-16, FY 2016-17, and FY 2017-18 remain the same for this report.

INFLUENCING FACTORS

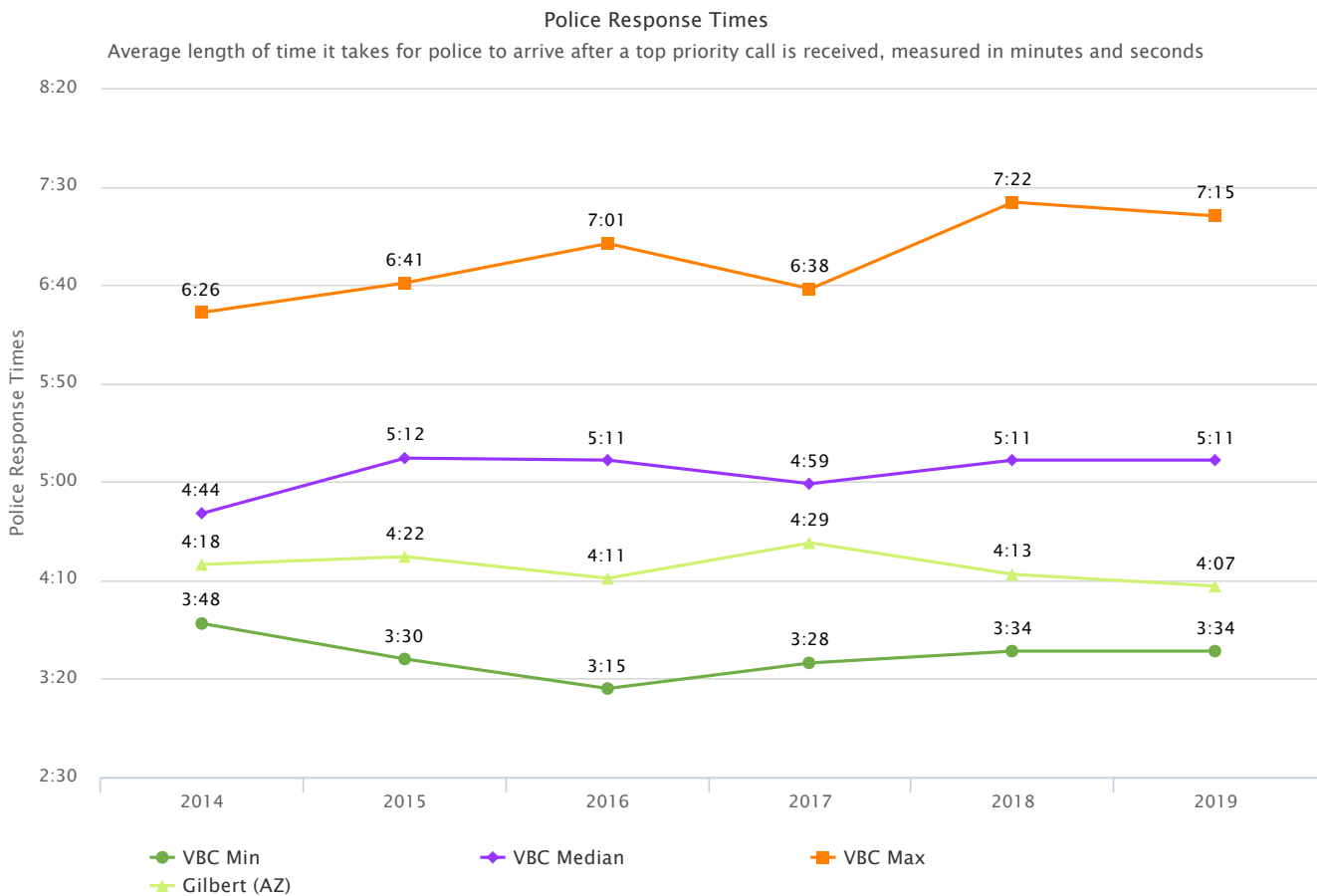
Community Characteristics: The geographic size, diversity of landscape, and developed environment of a community can impact the amount and type of areas a police department needs to serve.

Impact of Non-Residents: Visitors to a particular city who do not maintain a formal residence impact the need for public safety services. These visitors could be seasonal residents, commuters from neighboring cities, tourists, or students not counted in population figures.

Citizen Engagement with Police: Police services are influenced by the extent to which police officers are involved in the community and residents are aware of the services provided by the department. In many communities, police forces utilize civilian staff to provide additional resources and support in the community.

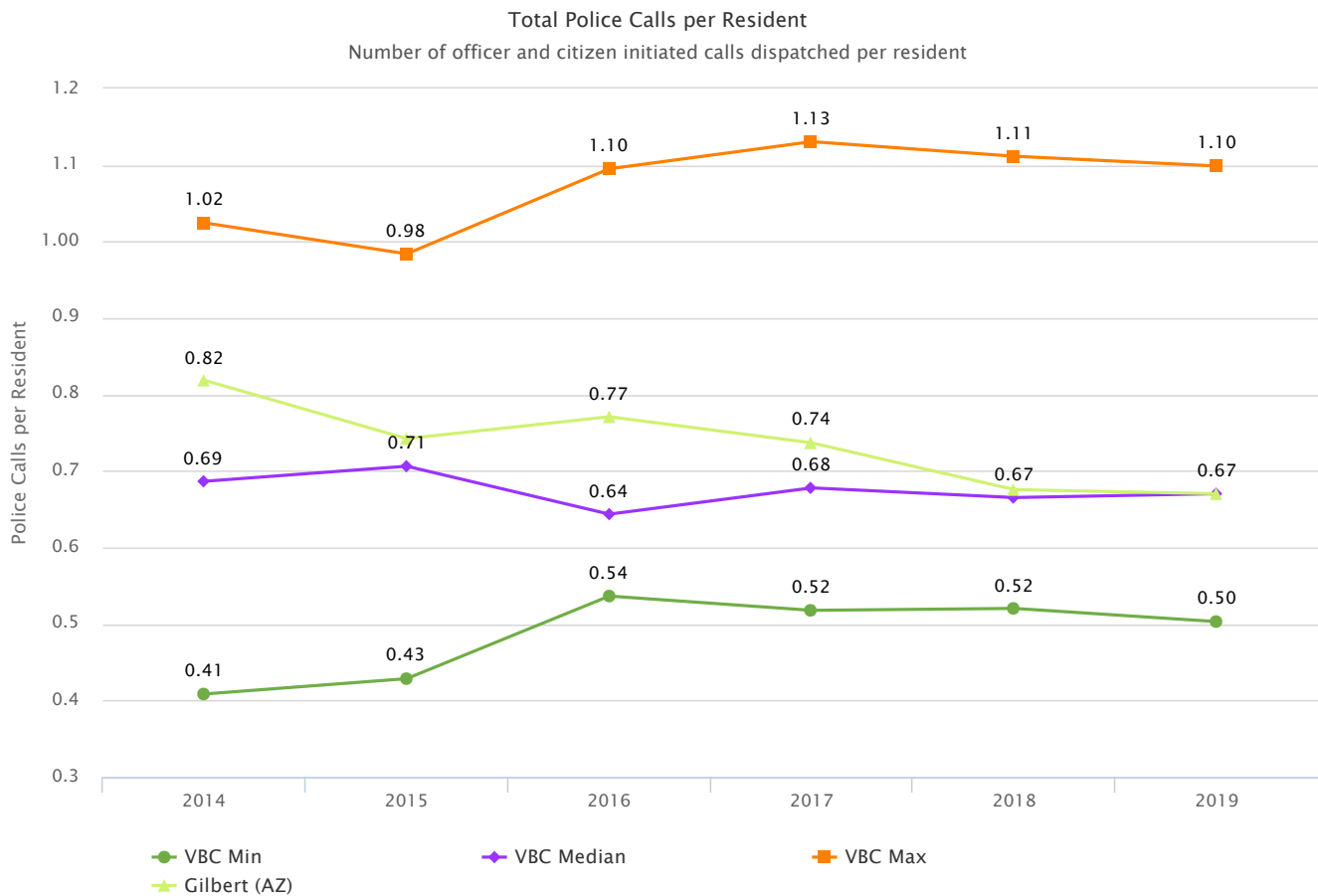
Demographics: This factor considers the socioeconomic status of community residents, along with race, gender, age, and economic health of the community as potential predictors of demand for police services.

Deployment Strategies: How police resources are utilized within a community can vary based on multiple community factors. For example, some agencies place an emphasis on non-sworn roles in police support that can offset the cost of more traditional sworn officer positions.

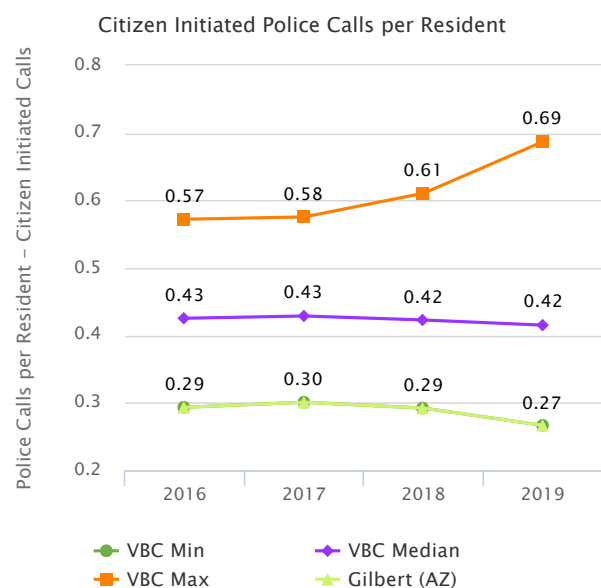
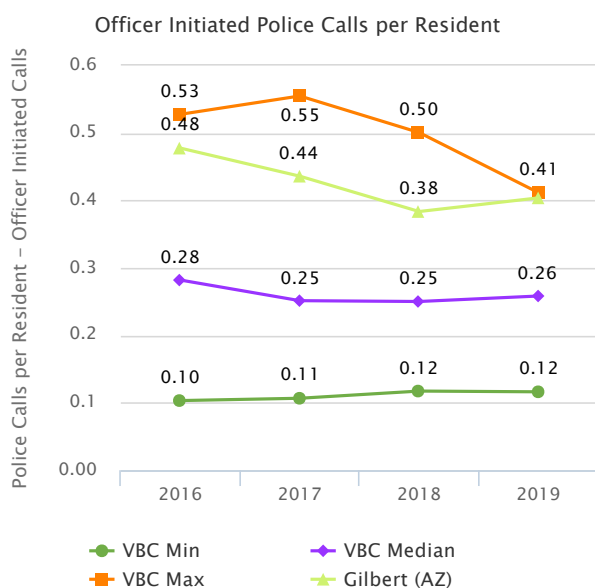


Trend data suggests that on average top priority response times have remained relatively stable over the past three years. Annual variations seem to affect the median, minimum, and maximum, possibly due to higher than average vacancy rates within the patrol officer ranks across the region. Includes time from call receipt by the dispatching agency to arrival.

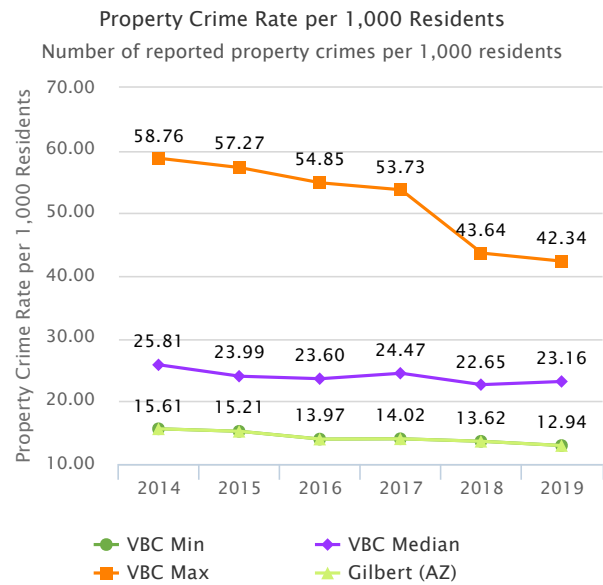
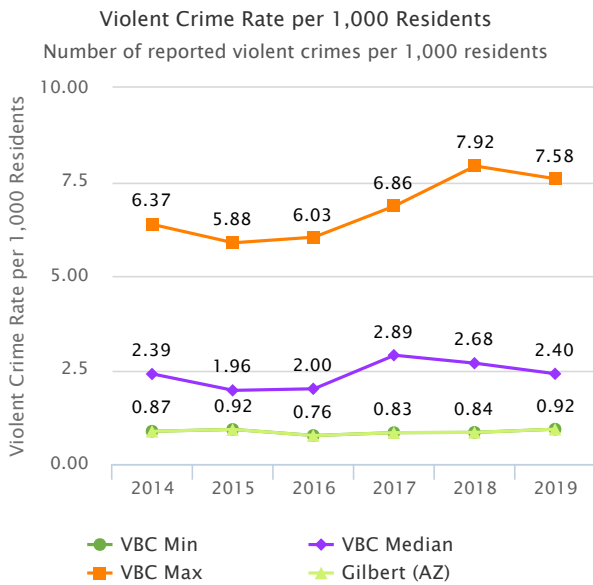
Police Response Times are measured the moment the call is received whereas, Fire Response Times do not account for dispatch time.



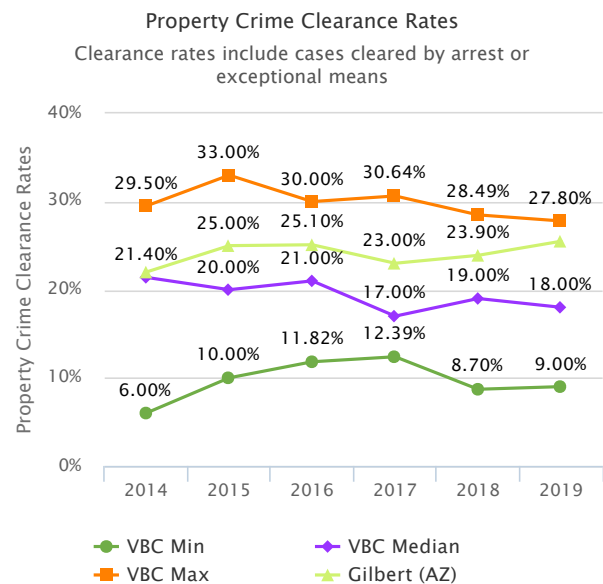
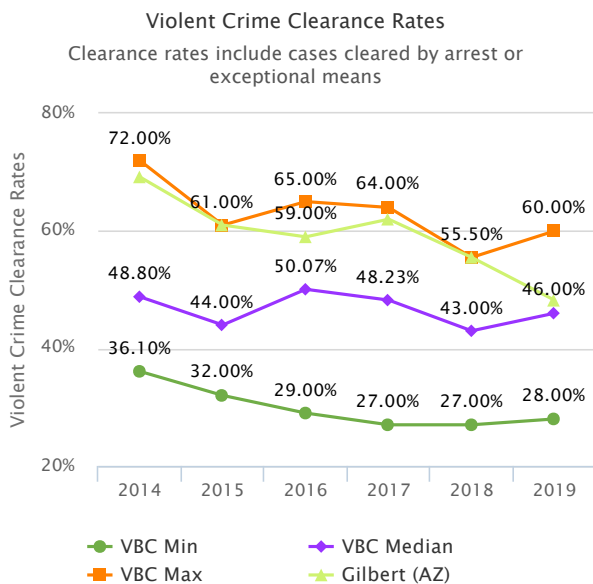
Total calls per resident has remained steady over the last 6 years; variation in individual city day may be related to population changes and community policing “eyes and ears” efforts.



Officer initiated and citizen initiated calls provides some insight into the ability for certain cities to take a more proactive policing approach rather than a reactive response approach seen in increasing ratios of citizen initiated calls to officer initiated calls. Staffing levels, deployment practices, and community policing efforts likely have an impact on the individual cities results.



Violent and property crime rates have remained relatively stable over the trend period, with a slight upward trend in violent crime and a slight downward trend in property crime. Some variation is noted year over year, which may be explained by growth in population and patrol efforts.



Violent crime clearance rates and property crime clearance rates both show a slight downward trend indicating a lower percentage of cases cleared on average. However, as with other police indicators, regional staffing shortages may be a driving factor for the slight shift. Clearance rates include cases "cleared by arrest," or "submitted to prosecutor" and cases "cleared exceptional." Clearance rates are calculated by dividing the number of crimes that are cleared via a charge being assessed by the total number of crimes reported in a given year. Considering the special complexity of some cases, some charges will be included outside of the year when the crime occurred. Our definition of a clearance rate is consistent with the definition of the Federal Bureau of Investigation.

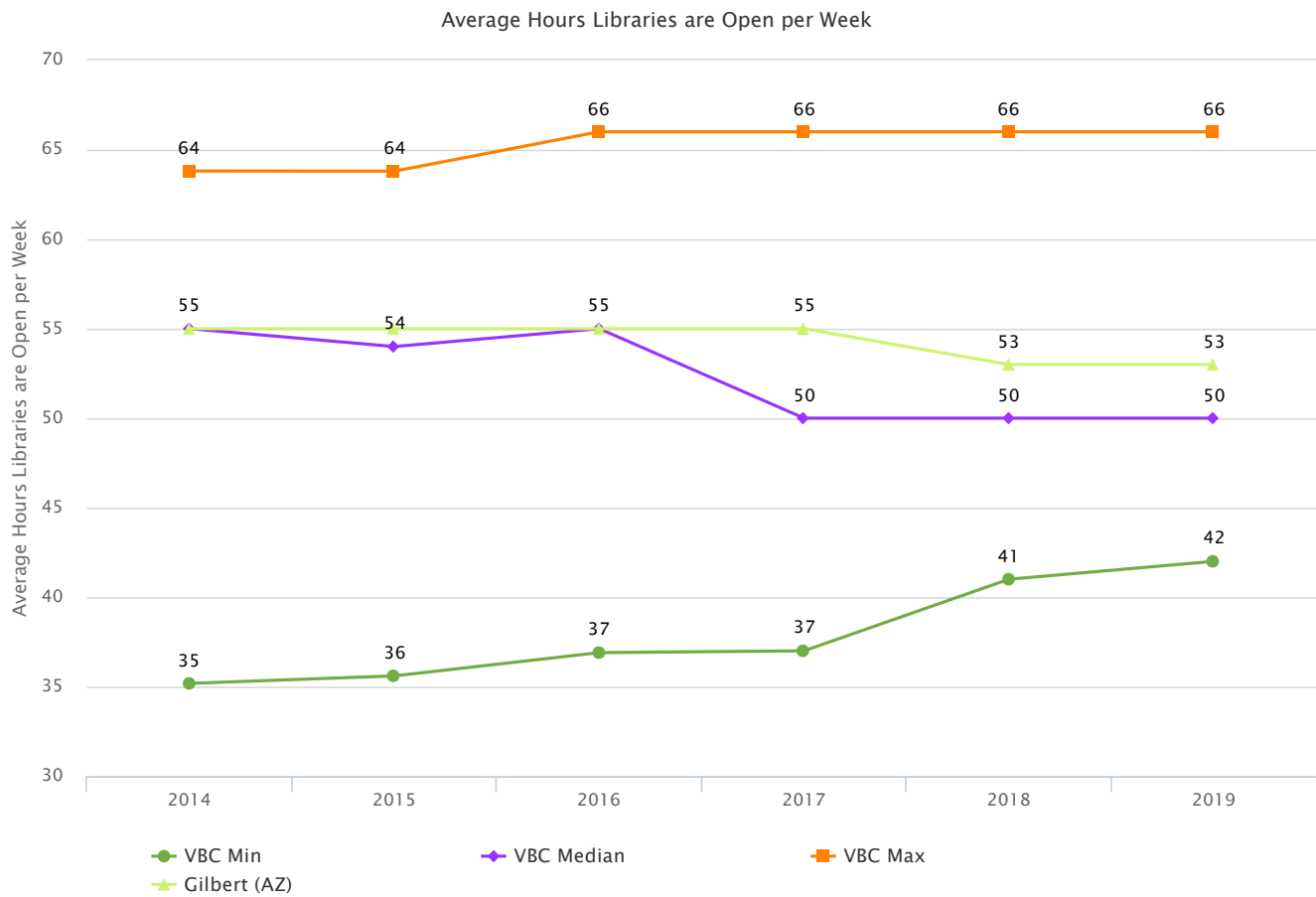
4 - VALLEY BENCHMARK CITIES LIBRARY SERVICES

The trends tracked for this section include: Average Hours Libraries are Open per Week, Physical Item Turnover Rate, Operation & Maintenance per Square Foot, and Operation & Maintenance per Visitor. All of the influencing factors applied in FY 2013-14, FY 2014-15, FY 2015-16, FY 2016-17, and FY 2017-18 remain the same for this report.

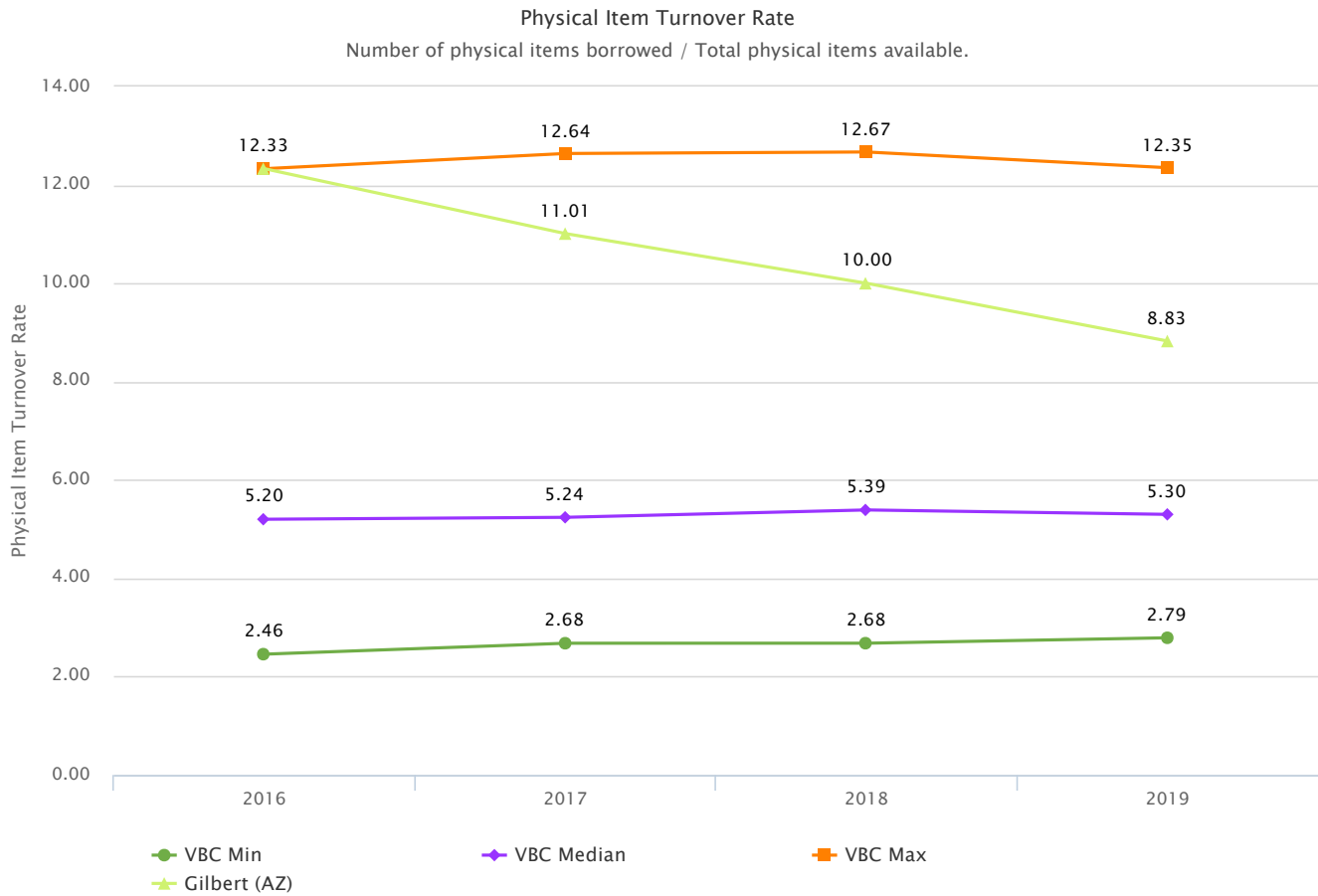
INFLUENCING FACTORS

County Policy for Library Reciprocal Borrowers Program: Exchange among library branches and between cities allows for greater access to materials that citizens request and reduces costs of new materials. Residents of Maricopa County may obtain a library card from any county or municipal library.

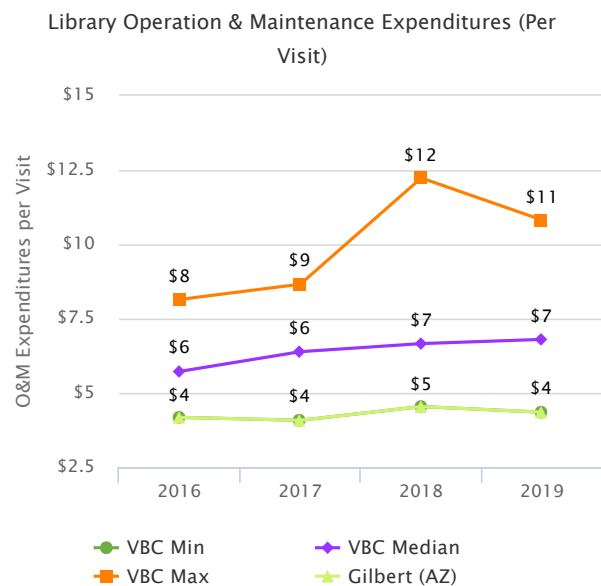
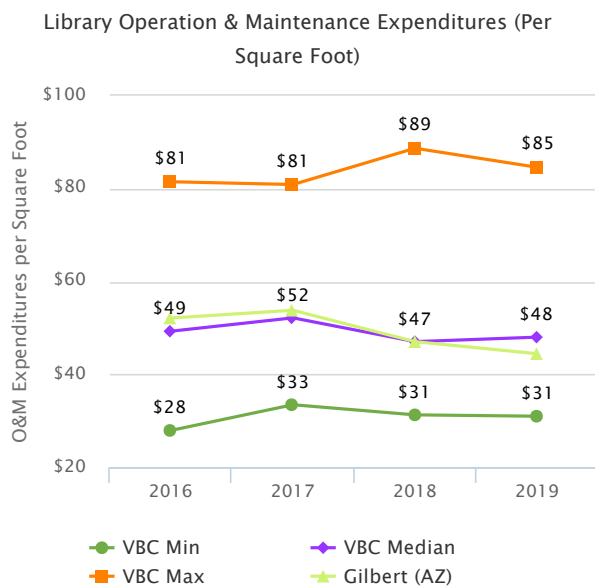
Population / Library Patrons and Customer Demand: Local population and number of people using library materials and facilities drive the demand for library availability.



The number of hours a library is open is influenced by whether it is operated by the municipality or Maricopa County. Hours at Valley libraries have remained relatively static, with only minor fluctuations over the last six years. Average weekly hours city libraries are open for operation is a calculation of the total number of public service hours divided by the number of branches and 52 weeks.



Physical item turnover represents the number of items checked out over the fiscal year relative to the number of items available. This number may be greater than 1 if items are checked out repeatedly. Since 2016, turnover has generally remained steady.



In FY 2017-18 City of Phoenix O&M expenditures increased significantly due to the reconstruction of Burton Barr Central Library and the replacement of damaged items after the library had a severe flooding incident. In FY 2018-19, expenditures have began to return to original levels.

Across the region, "O& M Expenditures per square foot" have been relatively stable since 2016. "O& M Expenditures per visit" appear to be gradually increasing across the valley.

5 - VALLEY BENCHMARK CITIES PARKS & RECREATION SERVICES

The trends tracked for this section include Park Acreage by Type, Total Park Acreage for Public Use per 1,000 Residents, and Miles of Trails per 1,000 residents. All of the influencing factors applied in FY 2013-14, FY 2014-15, FY 2015-16, FY 2016-17 and FY 2017-18 remain the same for this report.

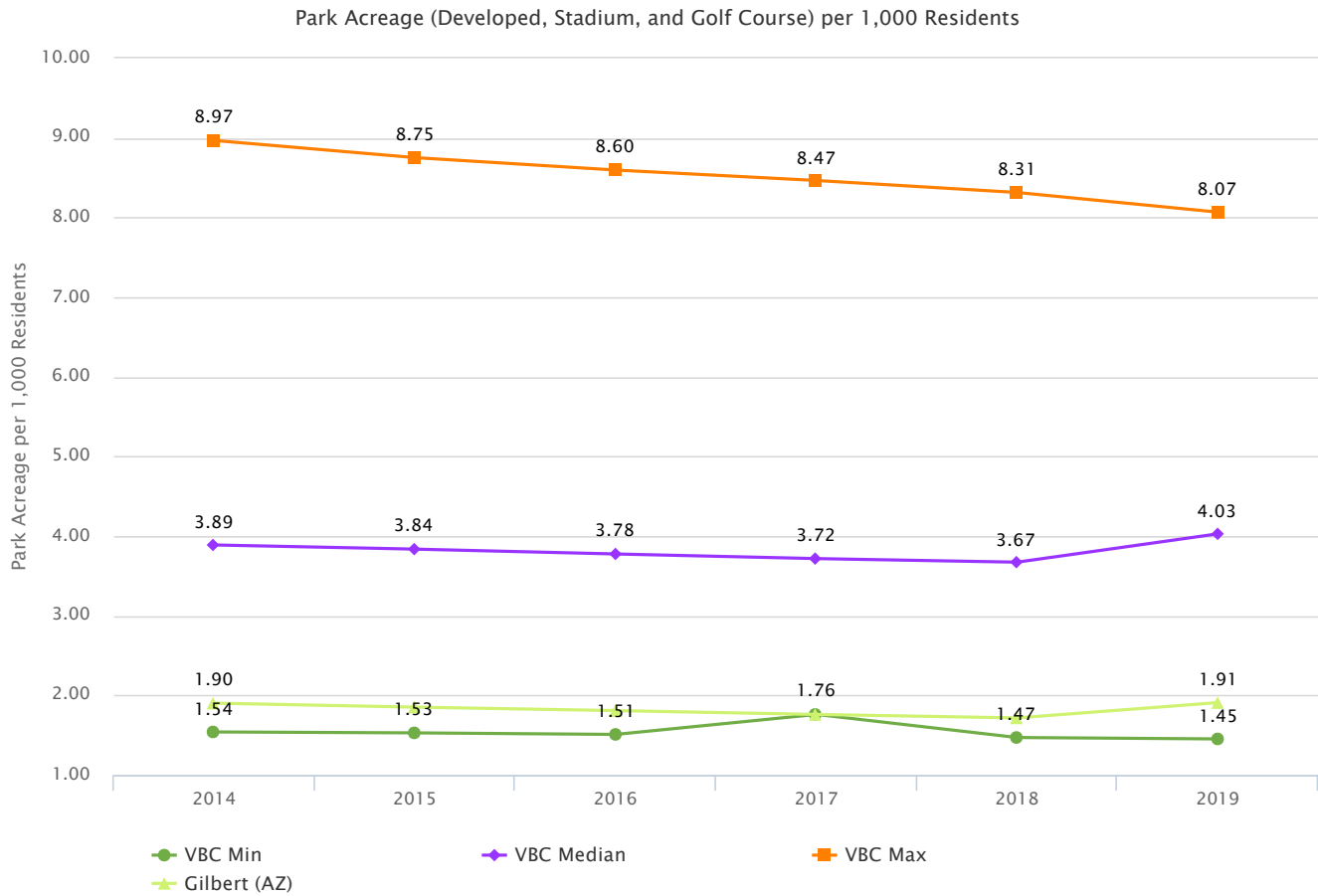
INFLUENCING FACTORS

Services Offered by Private Sector: At times, recreation programs, parks, trails, and pools are offered by private organizations, such as homeowner associations. The availability and quality of private programs and amenities influences the extent which cities consider offering similar programs and amenities.

Customer Feedback: Feedback from the community is vital to understanding what services are desired and what the community values most in parks and recreation services.

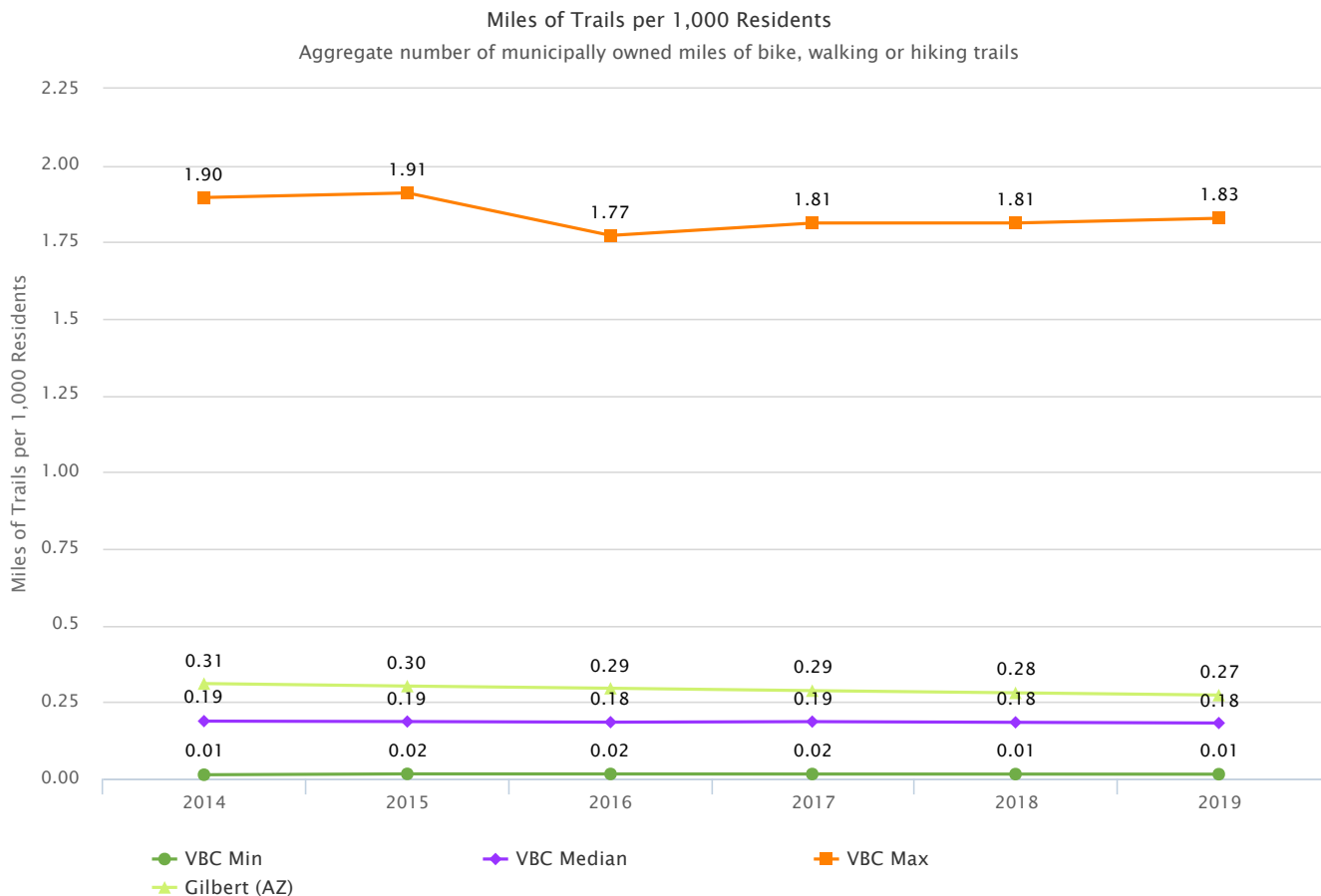
Social Demographics: The socioeconomic and demographic make-up of a community can influence recreation centers and other amenities. Communities with larger low-income populations have a higher demand for low-cost or free recreation programs, public pools, and recreation centers for people of all ages.

Geography/Open Space Recreation Areas: Geography helps shape how cities define recreational activities and what amenities are offered. Individuals who live closer to outdoor recreation areas than developed municipal parks influence the demand for parks in a city. If recreation exists in close proximity for citizens, such as preserves, trails and open spaces, their need to visit a developed park is diminished, which influences developed park acreage.



Park acreage has not seen significant change among VBC cities since FY 2014. There is a slight downward trend in park acreage per 1,000 residents among some cities likely due to population growth. As population continues to increase and communities approach full build-out, this trend is expected to stabilize.

Park acreage includes developed park acreage, golf course acreage, and stadium acreage. Natural preserve acreage, applicable to Avondale (130 total acres), Gilbert (182), Glendale (1,112), Peoria (1,133), Phoenix (36,243), Scottsdale (30,560), and Tempe (321), is not included. Planned park acreage is also not included.



The average miles of trails per 1,000 residents has remained relatively stable among VBC cities from FY 2014 through FY 2019. Changes to this trend may occur when an individual municipality adds and opens new trails, as observed in FY 2019 when City of Scottsdale opened 10 miles of new hiking trail from their local preserve.

A community's geography influences its ability to add miles of trails. As the population continues to increase and communities approach full build-out, this trend is expected to continue stabilizing. Miles of trails includes only those trails separated from the roadway and also includes miles of trails in preserves.

6 - VALLEY BENCHMARK CITIES WATER, SEWER & TRASH SERVICES

The trends tracked for this section are Typical Monthly Bill for Water (both High and Low Use), Typical Monthly Bill for Sewer (both High and Low Use), and Percent of Residential Waste Diverted to Recycling. All of the influencing factors applied in FY 2013-14, FY 2014-15, FY 2015-16, FY 2016-17 and FY 2017-18 remain the same for this report.

INFLUENCING FACTORS

Drinking Water Source: The water source (ground water or surface water, e.g., Salt River Project or Central Arizona Project) impacts costs of production due to different treatment requirements. Environmental conditions, seasonal demands, and the number of independent water supply and distribution systems also affect treatment costs.

Service Area: The size and conditions of the geographic area serviced, the elevation gain, and the number and density of customers affects water, sewer, and trash costs.

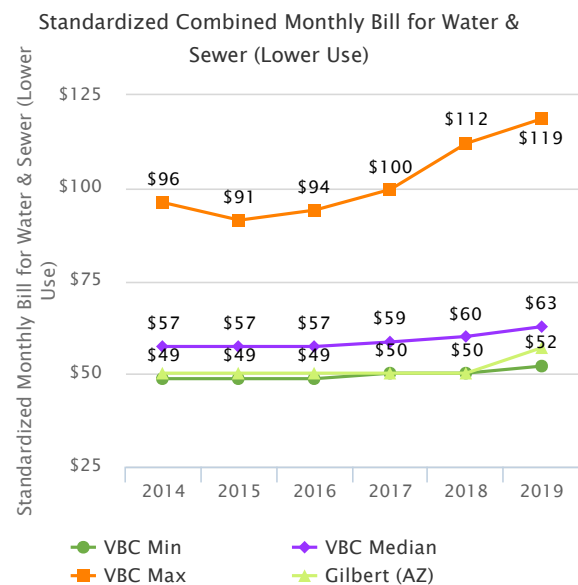
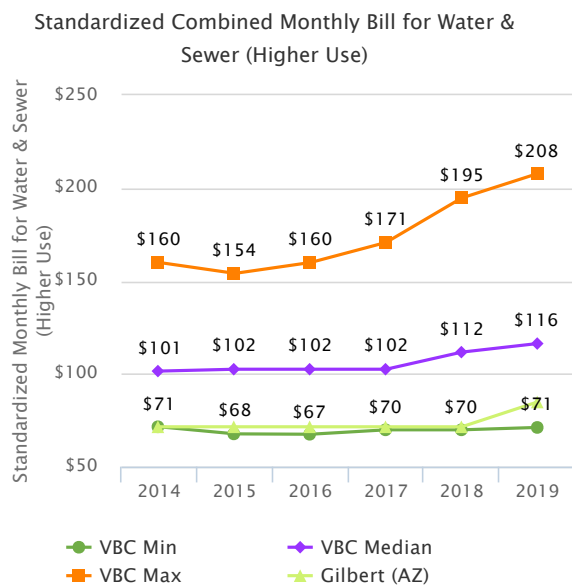
Conservation Programs: Programs and rate structures can provide incentives or disincentives for water consumption, waste reduction, and recycling.

Facilities: The size of the facility, technology used, and ownership of the facility (joint/shared or local) impacts the cost of water, landfills, and recycling centers provided to customers.

Density: Size and type of residential, agricultural, and commercial properties influence water consumption and trash tonnage collected.

Irrigation or Use of Reclaimed Water: Consumption can be impacted if customers use water from separate irrigation districts for landscape watering.

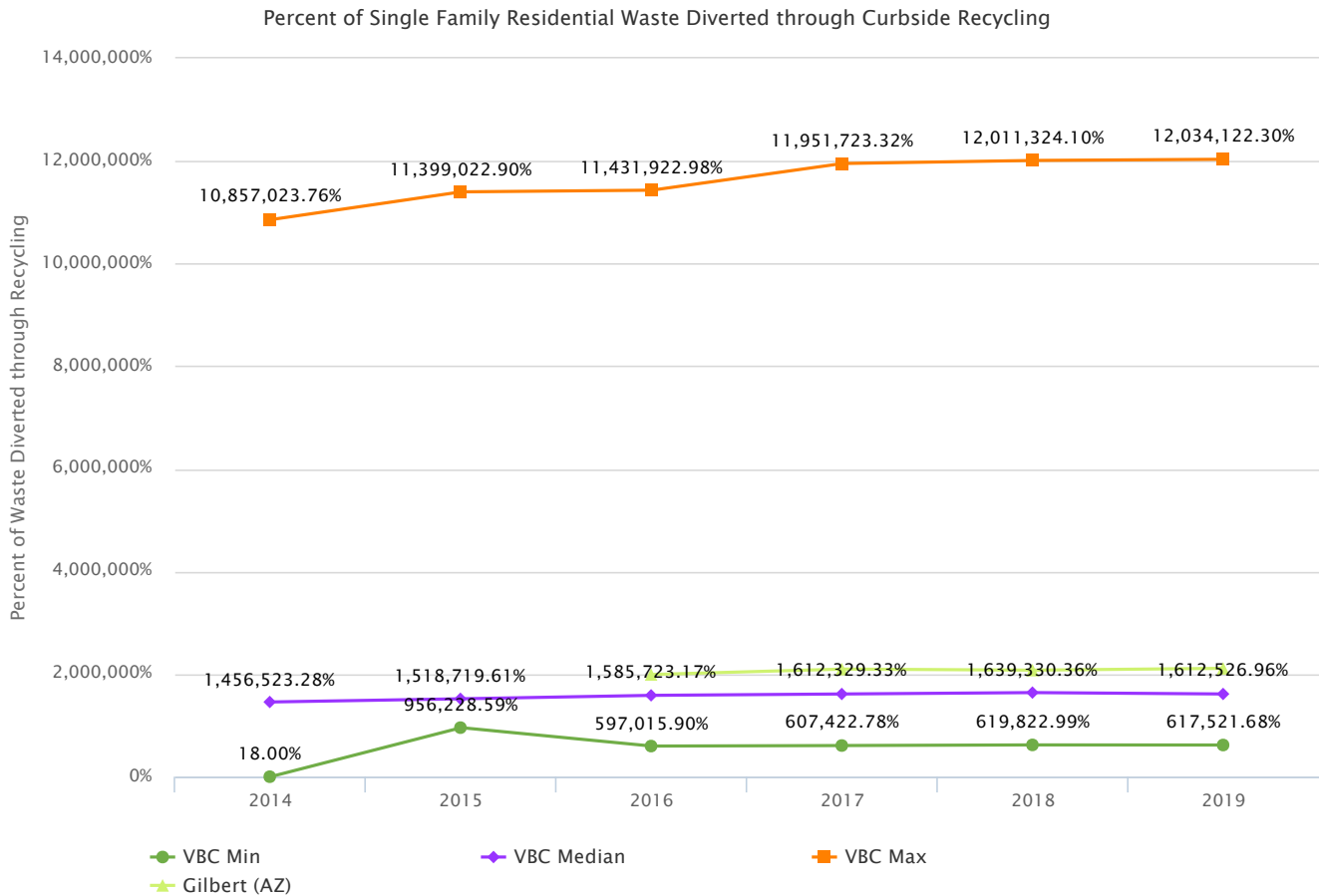
Type of Services: The type of services included in collection fees vary by community and affect trash tonnage; e.g., uncontained and bulk trash collection.



Water and sewer combined monthly rates for both higher and lower use continue to increase gradually throughout the region.

Water and sewer rates are set individually by each community and have many variables. This chart does not compare the average or typical customer in each community, but rather visualizes what a standardized monthly bill would be for a customer with the same meter size and water usage. Because rates differ based on higher or lower water use, both charts are provided to reflect the range of customers serviced.

Please note that even customers with the same water usage may have different sewer rates because of variation between how each community calculates those charges. The higher use is calculated using the equivalent of a 1" meter with water use of 17,000 gallons and sewer flow of 12,000 gallons. The lower use is calculated using the equivalent of a 3/4" meter with water use of 9,000 gallons and sewer flow of 8,000 gallons.



Waste diversion is the prevention and reduction of landfilled waste through the recycling of collected residential waste. Diversion rate is calculated by dividing the recycling tonnage by the total waste and recycling tonnage combined, or total tonnage collected.

Since FY 2014, cities have diverted about 22% of single family residential waste through recycling each year. In FY 19 market trends impacted the collection of recycled waste and economic returns for metro areas.

The Environmental Protection Agency reports the national recycling rate at about 35%. The national average includes yard trimmings, food, wood, rubber, leather and textiles to the total rate diverted. Most Valley cities do not include these in their recycling calculations. Many Valley cities have also set goals to increase their recycling rates, but the change in market is expected to affect many cities' abilities to meet desired recycling rates in future years.

7 - VALLEY BENCHMARK CITIES FINANCE & ADMINISTRATION SERVICES

The trends tracked for this section are each city's Full-Time Equivalents per 1,000 Residents and most recent Bond Rating. All of the influencing factors applied in FY 2013-14, FY 2014-15, FY 2015-16, FY 2016-17 and FY 2017-18 remain the same for this report.

INFLUENCING FACTORS

Population: As a city's population increases, so too do the demands for service and corresponding staffing levels. Cities with a larger population base are often able to generate more revenue to support these services, providing increased flexibility for unique or enhanced programs. In addition to a city's resident population, a community's

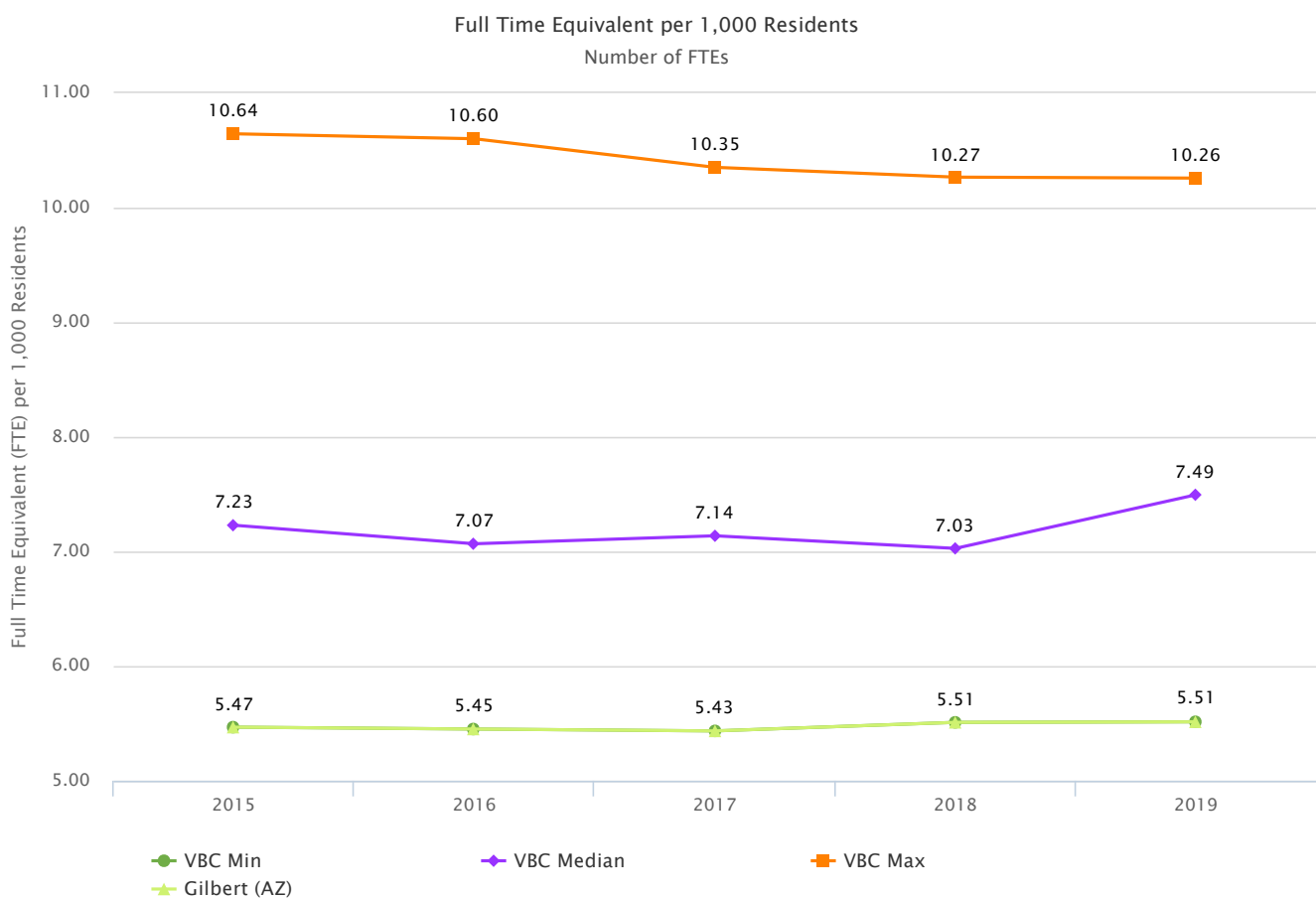
non-resident daytime population can influence the amount and level of services required.

Service Methods: Staffing levels between cities are influenced by the fact that certain services may be performed by internal staff in some municipalities and provided by contract in other cities.

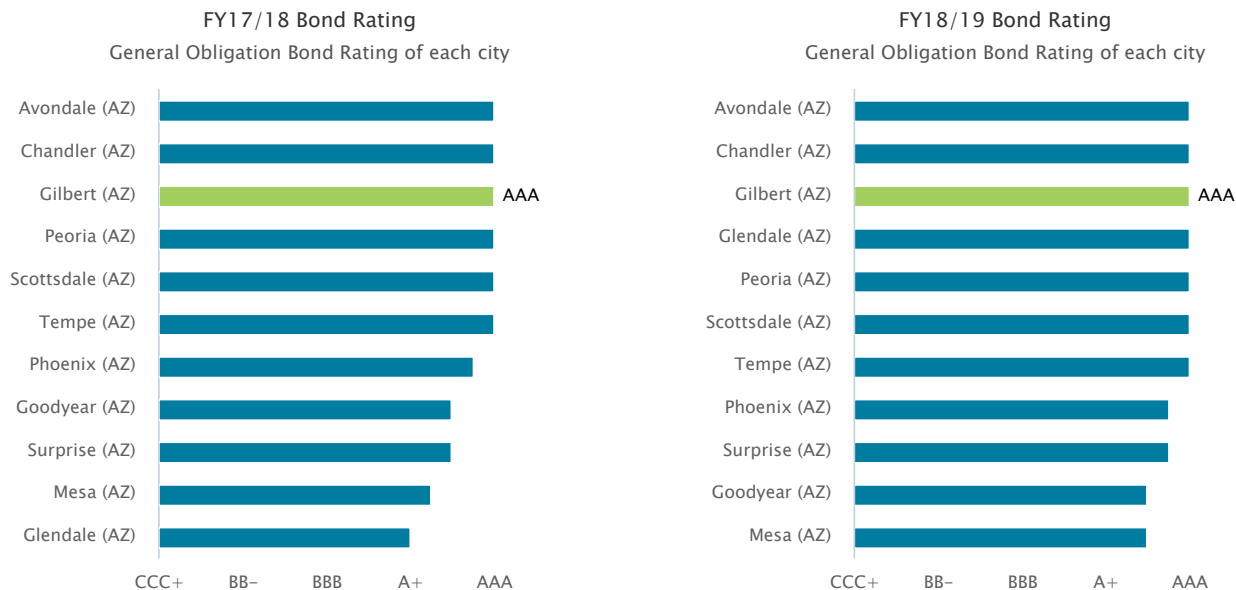
Regional Responsibilities: Some cities (primarily Phoenix) have regional responsibilities that require additional staffing. Examples include Sky Harbor Airport and Phoenix Convention Center.

Paying for Service Delivery: Over the course of time, cities have made decisions to provide enhanced levels of services than are normally provided. For example, some cities use a Primary Property Tax to provide additional operating funds, while others do not.

Financial Health: The fiscal health of a community can be difficult to summarize with one measure, but a commonly accepted approach is to compare bond ratings. Since rating agencies look for acceptable financial practices, consistent revenue streams, expenditure control, healthy fund balance reserves, socioeconomic composition of the community, and value of the tax base, a high bond rating is an indicator of financial health.



FTE per 1,000 residents has remained relatively stable. Minor fluctuations occur due to employee attrition and population change.



Bond ratings are stable or increasing year over year for all Valley-area cities. Cities reported highest bond rating regardless of rating agency. Bond ratings range between D and AAA. D and C ratings are not shown, but are assumed.

8 - VALLEY BENCHMARK CITIES APPENDIX

Appendix

*All charts are sorted from highest to lowest based on FY 2018-19 data.

Population						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
United States	316,498,000	318,857,000	321,419,000	323,128,000	325,719,000	327,167,400
Arizona	6,581,000	6,667,000	6,758,000	6,836,000	6,966,000	7,171,600
Phoenix	1,491,300	1,511,600	1,536,000	1,560,000	1,579,300	1,597,700
Mesa	453,300	459,000	466,500	473,800	481,300	488,900
Chandler	240,900	242,200	245,200	251,400	257,900	262,300
Gilbert	222,400	228,400	233,900	240,300	246,400	253,000
Scottsdale	223,400	227,100	233,500	239,500	242,500	245,400
Glendale	231,900	233,600	236,200	238,300	239,900	241,800
Tempe	166,700	170,800	173,900	176,600*	179,800	185,300
Peoria	157,300	159,000	162,100	167,000	171,600	176,100
Surprise	122,100	124,200	126,300	128,400	130,100	132,900
Goodyear	70,800	72,900	75,600	78,700	81,400	84,700
Avondale	77,900	78,500	79,500	80,600	81,600	82,600
Source	Population estimates from Arizona Office of Employment and Population Statistics and Maricopa Association of Governments.					
	*Note: In FY 2017-18, corrections were made to population data from FY 2013-14 through FY 2016-17. In FY 2018-19, these corrections resulted in further updates to all measures calculated per resident for FY 2013-14 through FY 2016-17.					
	*Note: In FY 2018-19, corrections were submitted to the City of Tempe's FY 2016-17 population data.					

Population % Change

	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Goodyear	N/A	2.97%	3.70%	4.10%	3.43%	3.90%
Tempe	N/A	2.46%	1.81%	1.55% *	1.79%*	3.06%
Arizona	N/A	1.31%	1.36%	1.15%	1.90%	2.95%
Gilbert	N/A	2.70%	2.41%	2.74%	2.54%	2.68%
Peoria	N/A	1.08%	1.95%	3.02%	2.75%	2.62%
Surprise	N/A	1.72%	1.69%	1.66%	1.32%	2.15%
Chandler	N/A	0.54%	1.24%	2.53%	2.59%	1.71%
Mesa	N/A	1.26%	1.63%	1.56%	1.58%	1.58%
Avondale	N/A	0.77%	1.27%	1.38%	1.24%	1.23%
Scottsdale	N/A	1.66%	2.82%	2.57%	1.25%	1.20%
Phoenix	N/A	1.36%	1.61%	1.56%	1.24%	1.17%
Glendale	N/A	0.73%	1.11%	0.89%	0.67%	0.79%
United States	N/A	0.75%	0.80%	0.53%	0.80%	0.44%
Source	Population estimates from Arizona Office of Employment and Population Statistics and Maricopa Association of Governments.					
	*Note: In FY 2018-19, corrections were submitted to the City of Tempe's FY 2016-17 population data.					

Median Household Income						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Gilbert	\$81,589	\$84,153	\$86,045	\$91,576	\$84,699	\$99,866
Goodyear	\$72,219	\$69,883	\$73,164	\$73,960	\$87,481	\$89,959
Scottsdale	\$69,690	\$73,387	\$75,346	\$81,381	\$88,407	\$88,071
Chandler	\$71,545	\$73,062	\$75,562	\$75,369	\$76,860	\$85,527
Peoria	\$59,377	\$66,371	\$66,308	\$68,882	\$72,142	\$72,050
Surprise	\$55,857	\$58,923	\$65,688	\$60,521	\$65,898	\$70,280
Avondale	\$51,206	\$55,664	\$54,686	\$58,404	\$55,468	\$63,242
United States	\$52,250	\$53,657	\$55,775	\$57,617	\$60,336	\$61,937
Tempe	\$48,565	\$47,118	\$51,688	\$56,365	\$51,986	\$60,330
Arizona	\$48,510	\$50,068	\$51,492	\$53,558	\$56,581	\$59,246
Mesa	\$47,561	\$47,675	\$49,177	\$52,393	\$55,014	\$58,247
Phoenix	\$46,601	\$47,929	\$48,452	\$52,062	\$53,468	\$57,957
Glendale	\$41,037	\$46,453	\$45,812	\$51,022	\$53,753	\$54,789
Source	United States Census Bureau, American Community Survey, 1-Year estimates.					

Poverty (% of Population Below Federal Poverty Level)						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Tempe	21.54	23.30	20.00	20.30	22.10	17.40
Glendale	26.30	21.00	22.50	16.40	16.70	16.60
Phoenix	23.60	23.30	22.30	20.30	16.80	15.60
Arizona	18.60	18.20	17.40	16.40	14.90	14.00
Mesa	16.64	15.10	17.20	16.80	15.00	13.90
United States	15.80	15.50	14.70	14.00	13.40	13.10
Avondale	19.09	19.30	16.20	14.40	13.50	11.50
Chandler	10.41	10.40	9.20	7.10	8.10	7.90
Peoria	11.51	9.20	7.00	7.70	6.60	6.70
Goodyear	10.78	12.10	9.00	4.50	9.00	6.60
Scottsdale	9.32	9.10	11.00	8.00	7.80	5.80
Surprise	10.48	12.20	7.30	9.70	6.70	5.40
Gilbert	5.91	6.80	6.00	5.00	5.60	5.20
Source	United States Census Bureau, American Community Survey, 1-Year estimates.					

Top Priority Fire Response Times						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Avondale	7:18	6:14	6:12	6:09	6:35	6:31

Goodyear	5:52	5:03	6:27	6:20	6:17	6:09
Scottsdale	5:26	5:25	4:32	4:37	4:46	6:09
Surprise	5:47	5:28	5:50	7:25	5:44	5:34
Mesa	5:01	5:05	5:18	5:09	5:41	5:17
Peoria	5:56	5:34	5:46	5:31	5:24	5:17
Gilbert	4:57	4:59	5:18	5:09	4:48	4:44
Tempe	4:07	4:13	4:16	4:15	4:15	4:31
Chandler	3:58	3:58	3:48	3:49	4:01	4:07
Glendale	4:30	4:44	5:01	4:49	4:28	4:04
Phoenix	4:48	4:48	4:29	4:08	3:57	4:00
Source	Self-reported by participating Valley Cities					

Fire Calls for Service per Resident						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Scottsdale	0.13	0.14	0.15	0.15	0.15	0.15
Tempe	0.15	0.14	0.14	0.18	0.15	0.14
Mesa	0.13	0.13	0.14	0.14	0.14	0.14
Phoenix	0.11	0.11	0.13	0.13	0.13	0.13
Glendale	0.12	0.13	0.13	0.13	0.13	0.13
Avondale	0.08	0.12	0.13	0.13	0.13	0.12
Surprise	0.11	0.09	0.13	0.13	0.11	0.12
Peoria	0.09	0.11	0.15	0.14	0.15	0.11
Chandler	0.09	0.09	0.10	0.10	0.10	0.10
Goodyear	0.07	0.07	0.09	0.07	0.09	0.10
Gilbert	0.07	0.08	0.08	0.08	0.08	0.08
Source	Self-reported by participating Valley Cities					
	*Note: In FY 2018-19, all measures calculated per resident from FY 2013-14, FY 2014-15, FY 2015-16, and FY 2016-17 were updated to reflect corrections made to population data in FY 2017-18 across all cities.					

Total Fire Calls						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Phoenix	170,713	173,090	195,767	201,290	212,869	213,324
Mesa	57,505	57,538	65,518	66,688	67,421	68,650
Scottsdale	28,132	32,365	35,098	36,407	36,872	37,750
Glendale	27,715	29,505	30,978	31,312	31,693	32,255
Tempe	24,559	23,378	23,928	31,835	26,221	26,506
Chandler	20,656	22,797	23,996	25,072	25,715	24,964
Gilbert	15,659	18,133	18,923	19,422	20,506	20,903
Peoria	14,802	16,744	23,511	23,726	24,932	19,252
Surprise	13,768	11,266	16,896	16,546	14,713	16,282
Avondale	6,557	9,449	10,654	10,578	11,008	9,572
Goodyear	5,052	4,903	6,854	5,641	7,298	8,650
Source	Self-reported by participating Valley Cities					

Police Response Times						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Peoria	6:26	6:41	7:01	6:38	7:22	7:15
Tempe	6:23	6:19	6:32	6:22	6:36	6:41
Glendale	4:42	6:32	5:53	6:14	6:47	6:25
Phoenix	5:32	5:50	6:12	6:26	6:29	6:22
Chandler	6:15	6:21	6:09	6:06	6:01	6:04
Scottsdale	5:25	5:12	5:11	4:52	5:11	5:11
Surprise	4:44	4:36	5:03	4:59	5:08	5:05
Goodyear	4:05	3:30	3:15	4:28	4:45	4:41
Mesa	3:48	4:00	3:36	3:28	4:12	4:12
Gilbert	4:18	4:22	4:11	4:29	4:13	4:07

Avondale	4:32	3:42	3:30	3:44	3:34	3:34
Source	Self-reported by participating Valley Cities					
	*Note: In FY 2018-19, City of Glendale submitted corrections to Police Response Data for FY 2014-15 through FY 2017-18 to include dispatch time.					

Total Police Calls per Resident						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Scottsdale	1.02	0.98	1.10	1.13	1.11	1.10
Tempe	0.91	0.87	0.77	0.73*	0.75	0.75
Glendale	0.59	0.75	0.77	0.80	0.77	0.68
Surprise	0.77	0.78	0.68	0.67	0.67	0.68
Avondale	0.69	0.71	0.64	0.68	0.67	0.68
Gilbert	0.82	0.74	0.77	0.74	0.68	0.67
Chandler	0.60	0.58	0.59	0.62	0.60	0.61
Goodyear	0.92	0.68	0.61	0.70	0.65	0.60
Mesa	0.56	0.64	0.64	0.62	0.62	0.57
Phoenix	0.41	0.43	0.54	0.55	0.55	0.54
Peoria	0.64	0.61	0.54	0.52	0.52	0.50
Source	Self-reported by participating Valley Cities					
	*Note: In FY 2018-19, corrections were submitted to the City of Tempe's FY 2016-17 population data. This also resulted in updates to FY 2016-17 measures calculated per resident.					
	*Note: In FY 2018-19, all measures calculated per resident from FY 2013-14, FY 2014-15, FY 2015-16, and FY 2016-17 were updated to reflect corrections made to population data in FY 2017-18 across all cities.					

Total Police Calls						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Phoenix	609,158	647,769	824,725	852,060	867,638	865,782
Mesa	252,174	291,563	300,246	291,982	296,374	280,219
Scottsdale	228,879	223,441	255,711	270,778	269,544	269,649
Gilbert	182,082	169,555	180,320	177,058	166,489	169,600
Glendale	138,665	176,837	183,977	192,518	183,977	164,307
Chandler	145,256	139,677	145,485	156,186	154,920	159,038
Tempe	151,945	149,186	133,584	131,793	134,357	139,150
Surprise	93,654	96,562	86,030	86,644	86,699	90,555
Peoria	101,143	96,661	86,969	86,481	89,297	88,599
Avondale	53,483	55,444	50,756	54,643	54,289	56,180
Goodyear	65,048	49,330	46,029	54,945	53,034	50,592
Source	Self-reported by participating Valley Cities					

Police Calls per Resident - Officer Initiated Calls						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Scottsdale	N/A	N/A	0.53	0.55	0.50	0.41
Gilbert	N/A	N/A	0.48	0.44	0.38	0.40
Surprise	N/A	N/A	0.37	0.36	0.35	0.36
Goodyear	N/A	N/A	0.29	0.37	0.32	0.28
Tempe	N/A	N/A	0.20	0.25*	0.25	0.27
Glendale	N/A	N/A	0.28	0.27	0.28	0.26
Avondale	N/A	N/A	0.21	0.25	0.23	0.23
Mesa	N/A	N/A	0.29	0.25	0.25	0.21
Peoria	N/A	N/A	0.21	0.19	0.21	0.21
Chandler	N/A	N/A	0.17	0.19	0.18	0.19
Phoenix	N/A	N/A	0.10	0.11	0.12	0.12
Source	Self-reported by participating Valley Cities.					
	Note: N/A – Specific data point not collected for the selected year (cities provided only total number of calls).					

	*Note: In FY 2018-19, corrections were submitted to the City of Tempe's FY 2016-17 population data. This also resulted in updates to FY 2016-17 measures calculated per resident.
	* Note: In FY 2018-19, all measures calculated per resident from FY 2013-14, FY 2014-15, FY 2015-16, and FY 2016-17 were updated to reflect corrections made to population data in FY 2017-18 across all cities.

Total Police Calls- Officer Initiated Calls						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Phoenix	N/A	N/A	158,608	166,442	185,347	185,745
Mesa	N/A	N/A	133,676	119,118	120,413	104,768
Gilbert	N/A	N/A	111,714	104,771	94,521	102,174
Scottsdale	N/A	N/A	123,242	132,913	121,424	101,000
Glendale	N/A	N/A	66,599	64,678	67,887	62,464
Chandler	N/A	N/A	41,193	48,412	45,885	50,149
Tempe	N/A	N/A	34,086	43,278	44,340	49,832
Surprise	N/A	N/A	46,479	45,735	45,651	48,014
Peoria	N/A	N/A	33,713	31,345	35,723	37,472
Goodyear	N/A	N/A	21,665	28,845	26,282	23,355
Avondale	N/A	N/A	16,936	19,915	18,887	19,108
Source	Self-reported by participating Valley Cities.					
	Note: N/A – Specific data point not collected for the selected year (cities provided only total number of calls).					

Police Calls per Resident - Citizen Initiated Calls						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Scottsdale	N/A	N/A	0.57	0.58	0.61	0.69
Tempe	N/A	N/A	0.57	0.50*	0.50	0.48
Avondale	N/A	N/A	0.42	0.43	0.43	0.45
Phoenix	N/A	N/A	0.43	0.44	0.43	0.43
Glendale	N/A	N/A	0.50	0.54	0.48	0.42
Chandler	N/A	N/A	0.43	0.43	0.42	0.42
Mesa	N/A	N/A	0.36	0.36	0.37	0.36
Goodyear	N/A	N/A	0.32	0.33	0.33	0.32
Surprise	N/A	N/A	0.31	0.32	0.32	0.32
Peoria	N/A	N/A	0.33	0.33	0.31	0.29
Gilbert	N/A	N/A	0.29	0.30	0.29	0.27
Source	Self-reported by participating Valley Cities.					
	Note: N/A – Specific data point not collected for the selected year (cities provided only total number of calls).					
	*Note: In FY 2018-19, corrections were submitted to the City of Tempe's FY 2016-17 population data resulting in updates to FY 2016-17 measures calculated per resident.					
	*Note: In FY 2018-19, all measures calculated per resident from FY 2013-14, FY 2014-15, FY 2015-16, and FY 2016-17 were updated to reflect corrections made to population data in FY 2017-18 across all cities.					

Total Police Calls- Citizen Initiated Calls						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Phoenix	N/A	N/A	666,117	685,618	682,291	680,037
Mesa	N/A	N/A	166,571	172,864	175,961	175,451
Scottsdale	N/A	N/A	132,469	137,865	148,120	168,649
Chandler	N/A	N/A	104,292	107,774	109,035	108,889
Glendale	N/A	N/A	117,378	127,840	116,090	101,843
Tempe	N/A	N/A	99,498	88,515	90,017	89,318
Gilbert	N/A	N/A	68,606	72,287	71,968	67,426
Peoria	N/A	N/A	53,256	55,136	53,574	51,127
Surprise	N/A	N/A	39,551	40,909	41,048	42,541
Avondale	N/A	N/A	33,820	34,728	35,402	37,072

Goodyear	N/A	N/A	24,364	26,100	26,752	27,237
Source	Self-reported by participating Valley Cities.					
	Note: N/A – Specific data point not collected for the selected year (cities provided only total number of calls).					

Violent Crime Rate per 1,000 Residents						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Phoenix	6.37	5.88	6.03	6.86	7.92	7.58
Tempe	4.98	4.67	4.15	5.11*	4.91	4.93
Glendale	3.91	4.17	3.99	5.05	5.06	4.83
Mesa	3.98	4.62	4.23	4.33	4.25	3.76
Avondale	2.59	3.48	3.51	2.89	3.15	3.46
Goodyear	1.33	1.53	1.89	3.94	2.68	2.40
Chandler	2.39	1.96	2.01	2.22	2.51	2.31
Peoria	1.61	1.50	1.75	2.10	2.41	2.20
Scottsdale	1.51	1.62	1.86	1.54	1.63	1.72
Surprise	1.23	1.59	1.33	1.05	1.01	1.00*
Gilbert	0.87	0.92	0.76	0.83	0.84	0.92
Source	FBI Uniform Crime Reporting (UCR) crime data. Calendar year.					
	*Note: In FY 2018-19, City of Surprise submitted corrections due to a clerical error to DPS and FBI for total violent crime data in 2018.					
	*Note: In FY 2018-19, corrections were submitted to the City of Tempe's FY 2016-17 population data resulting in updates to FY 2016-17 measures calculated per resident.					
	*Note: In FY 2018-19, all measures calculated per resident from FY 2013-14, FY 2014-15, FY 2015-16, and FY 2016-17 were updated to reflect corrections made to population data in FY 2017-18 across all cities.					

Total Violent Crime						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Phoenix	9,494	8,888	9,261	10,700	12,511	12,110
Mesa	1,806	2,118	1,972	2,051	2,047	1,837
Glendale	906	973	943	1,204	1,214	1,167
Tempe	831	798	721	902	883	913
Chandler	576	474	490	558	647	606
Scottsdale	338	368	434	369	396	422
Peoria	254	239	283	351	414	388
Avondale	202	273	279	233	257	286
Gilbert	193	210	177	200	207	234
Goodyear	94	111	143	310	218	203
Surprise	150	198	168	135	131	133*
Source	FBI Uniform Crime Reporting (UCR) crime data. Calendar year.					
	*Note: In FY 2018-19, City of Surprise submitted corrections due to a clerical error to DPS and FBI for total violent crime data in 2018.					

Property Crime Rate per 1,000 Residents						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Glendale	58.76	57.27	54.85	53.73	43.64	42.34
Tempe	47.52	47.35	43.94	46.12*	42.65	42.10
Phoenix	40.29	38.67	35.45	37.53	38.22	36.13
Avondale	46.96	38.60	38.94	40.47	41.02	33.16
Goodyear	24.23	21.74	23.60	26.21	28.11	24.57
Scottsdale	25.81	23.75	22.84	23.67	22.65	23.16
Chandler	24.49	23.99	21.99	24.47	22.52	20.70
Mesa	28.49	28.39	25.52	23.67	22.21	20.50
Peoria	24.35	20.30	20.78	22.28	19.77	18.40
Surprise	17.36	22.23	17.28	19.38	17.04	15.65*
Gilbert	15.61	15.21	13.97	14.02	13.62	12.93

Source	FBI Uniform Crime Reporting (UCR) crime data. Calendar year.
	*Note: In FY 2018-19, City of Surprise submitted corrections due to a clerical error to DPS and FBI for total property crime data in 2018.
	*Note: In FY 2018-19, corrections were submitted to the City of Tempe's FY 2016-17 population data resulting in updates to FY 2016-17 measures calculated per resident.
	*Note: In FY 2018-19, all measures calculated per resident from FY 2013-14, FY 2014-15, FY 2015-16, and FY 2016-17 were updated to reflect corrections made to population data in FY 2017-18 across all cities.

Total Property Crime						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Phoenix	60,084	58,450	54,456	58,552	60,353	57,732
Glendale	13,626	13,379	12,955	12,805	10,469	10,186
Mesa	12,915	13,029	11,905	11,214	10,692	10,024
Tempe	7,921	8,087	7,642	8,144	7,669	7,802
Scottsdale	5,766	5,394	5,332	5,698	5,493	5,683
Chandler	5,899	5,812	5,393	6,152	5,809	5,430
Gilbert	3,471	3,474	3,267	3,368	3,355	3,273
Peoria	3,831	3,227	3,368	3,721	3,392	3,241
Avondale	3,659	3,030	3,096	3,262	3,347	2,739
Goodyear	1,716	1,585	1,784	2,063	2,288	2,081
Surprise	2,120	2,761	2,182	2,489	2,217	2080*
Source	FBI Uniform Crime Reporting (UCR) crime data. Calendar year.					
	*Note: In FY 2018-19, City of Surprise submitted corrections due to a clerical error to DPS and FBI for total property crime data in 2018.					

Violent Crime Clearance Rates (%)						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Peoria	62%	60%	57%	57%	55%	59%
Surprise	72%	58%	65%	64%	52%	54%
Goodyear	49%	44%	55%	54%	43%	49%
Gilbert	69%	61%	59%	62%	56%	48%
Mesa	48%	48%	50%	48%	51%	47%
Scottsdale	61%	58%	52%	51%	44%	46%
Chandler	42%	39%	46%	48%	38% *	43%
Avondale	54%	38%	35%	42%	38%	36%
Tempe	39%	32%	38%	35%	36%	36%
Glendale	38%	38%	30%	34%	32%	33%
Phoenix	36%	33%	29%	27%	27%	32%
Source	Self-reported by participating Valley Cities, Calendar Year.					
	*Note: In FY 2018-19, the City of Chandler submitted a correction for FY 2017-18 data on violent crime clearance rates.					

Property Crime Clearance Rates (%)						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Mesa	30%	33%	29%	31%	28%	28%
Gilbert	22%	25%	25%	23%	24%	26%
Scottsdale	23%	27%	30%	26%	21%	25%
Peoria	21%	21%	21%	18%	17%	20%
Surprise	24%	21%	24%	26%	20%	19%
Chandler	17%	18%	22%	17%	19%	18%
Glendale	6%	10%	19%	17%	19%	17%
Goodyear	21%	17%	16%	14%	14%	17%
Avondale	22%	20%	17%	14%	16%	15%
Phoenix	17%	17%	16%	14%	12%	12%
Tempe	13%	12%	12%	12%	9%	9%

Source	Self-reported by participating Valley Cities, Calendar Year.
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Number of Library Branches						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Phoenix	17	17	17	17	17	17
Scottsdale	5	5	5	5	5	5
Chandler	4	4	4	4	4	4
Mesa	4	4	4	4	4	4
Glendale	3	3	3	3	3	4
Avondale	2	2	2	2	2	2
Gilbert	2	2	2	2	2	2
Peoria	2	2	2	2	2	2
Surprise	2	2	2	2	2	2
Goodyear	1	1	1	1	1	1
Tempe	1	1	1	1	1	1
Source	Self-reported by participating Valley Cities.					

Average Hours Libraries are Open per Week						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Peoria	64	64	66	66	66	66
Scottsdale	60	60	62	62	60	64
Tempe	56	56	61	62	62	62
Mesa	58	54	60	60	60	60
Gilbert	55	55	55	55	53	53
Chandler	59	59	59	59	50	50
Goodyear	48	48	48	48	50	50
Phoenix	48	48	48	48	48	49
Avondale	52	44	50	44	48	48
Surprise	40	40	40	40	43	43
Glendale	35	36	37	37	41	42
Source	Self-reported by participating Valley Cities.					

Physical Item Turnover Rate						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Goodyear	N/A	N/A	12.13	12.64	12.67	12.35
Gilbert	N/A	N/A	12.33	11.01	10.00	8.83
Surprise	N/A	N/A	11.64	11.55	9.93	8.76
Phoenix	N/A	N/A	6.34	6.00	5.85	5.90
Mesa	N/A	N/A	7.02	6.49	6.18	5.53
Chandler	N/A	N/A	5.02	5.24	4.75	5.3
Scottsdale	N/A	N/A	4.49	4.50	4.53	4.87
Peoria	N/A	N/A	5.20	3.97	5.39	4.22
Avondale	N/A	N/A	2.46	2.68	2.87	3.45
Tempe	N/A	N/A	3.09	2.99	2.89	2.87
Glendale	N/A	N/A	3.33	3.06	2.68	2.79
Source	Self-reported by participating Valley Cities					

Library Operation & Maintenance Expenditures per Square Foot						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Surprise	N/A	N/A	\$81.47	\$80.87	\$88.69	\$84.59
Goodyear	N/A	N/A	\$58.65	\$79.44	\$75.52	\$75.52
Peoria	N/A	N/A	\$63.62	\$70.10	\$75.36	\$73.89
Phoenix	N/A	N/A	\$61.44	\$63.23	\$73.09	\$67.38
Chandler	N/A	N/A	\$49.28	\$52.15	\$50.72	\$52.52
Scottsdale	N/A	N/A	\$46.81	\$48.09	\$44.85	\$48.00
Glendale	N/A	N/A	\$40.10	\$41.76	\$43.23	\$45.37

Gilbert	N/A	N/A	\$52.12	\$53.79	\$47.03	\$44.43
Mesa	N/A	N/A	\$37.52	\$37.99	\$37.56	\$38.12
Tempe	N/A	N/A	\$35.73	\$37.92	\$34.50	\$34.86
Avondale	N/A	N/A	\$27.90	\$33.44	\$31.26	\$30.97
Source	Self-reported by participating Valley Cities.					

Library Operation & Maintenance Expenditures per Visit						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Phoenix	N/A	N/A	\$8.14	\$8.66	\$12.23	\$10.82
Glendale	N/A	N/A	\$7.65	\$8.47	\$9.00	\$10.02
Scottsdale	N/A	N/A	\$7.64	\$8.08	\$7.81	\$8.78
Peoria	N/A	N/A	\$6.57	\$7.48	\$8.16	\$8.44
Chandler	N/A	N/A	\$5.86	\$6.21	\$6.76 *	\$7.03
Avondale	N/A	N/A	\$4.94	\$6.03	\$6.66	\$6.80
Mesa	N/A	N/A	\$5.72	\$6.28	\$6.24	\$6.01
Tempe	N/A	N/A	\$5.16	\$6.83	\$5.34	\$5.96
Goodyear	N/A	N/A	\$4.52	\$6.39	\$5.69	\$5.68
Surprise	N/A	N/A	\$4.30	\$4.37	\$4.78	\$4.81
Gilbert	N/A	N/A	\$4.18	\$4.08	\$4.54	\$4.35
Source	Self-reported by participating Valley Cities.					
	*Note: In FY 2018-19, the City of Chandler submitted corrections to FY 2017-18 number of total library visits.					

Total Library Operation & Maintenance Expenditures						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Phoenix	N/A	N/A	\$34,262,185.00	\$35,257,996.00	\$40,754,706.00	\$37,569,739.00
Scottsdale	N/A	N/A	\$9,115,883.00	\$9,365,630.00	\$8,734,682.00	\$9,437,874.00
Mesa	N/A	N/A	\$6,620,354.00	\$6,702,944.00	\$6,627,378.00	\$6,795,645.00
Chandler	N/A	N/A	\$6,108,872.00	\$6,465,803.00	\$6,287,676.00	\$6,511,844.00
Glendale	N/A	N/A	\$4,556,295.00	\$4,745,404.00	\$4,913,952.00	\$5,497,286.00
Peoria	N/A	N/A	\$3,880,522.73	\$4,276,131.00	\$4,521,431.00	\$4,433,440.00
Gilbert	N/A	N/A	\$3,609,235.00	\$3,725,320.00	\$4,138,980.00	\$4,176,600.00
Surprise	N/A	N/A	\$1,957,000.00	\$1,942,602.00	\$2,130,248.00	\$2,031,638.00
Avondale	N/A	N/A	\$1,213,821.00	\$1,454,775.00	\$1,359,595.00	\$1,347,005.00
Goodyear	N/A	N/A	\$628,999.00	\$790,000.00	\$810,000.00	\$810,000.00
Tempe	N/A	N/A	\$3,572,632.00	\$3,791,702.00	\$3,451,735.00	\$348,652.00
Source	Self-reported by participating Valley Cities.					

Park Acreage (Developed, Golf Course, and Stadium) per 1,000 Residents						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Tempe	8.97	8.75	8.60	8.47	8.31	8.07
Scottsdale	7.86	7.73	7.52	7.33	7.25	7.15
Phoenix	3.89	3.84	3.78	3.72	3.67	6.51*
Chandler	5.03	5.09	5.07	5.01	4.92*	4.88
Mesa	4.26	4.31	4.41	4.46	4.39	4.73
Glendale	4.15	4.12	4.07	4.04	4.06	4.03
Peoria	3.04	3.05	2.99	3.41	3.32	3.24
Goodyear	3.00	2.99	2.88	2.77	2.68	2.57
Surprise	2.64	2.63	2.55	2.55	2.57	2.53
Gilbert	1.90	1.85	1.81	1.76	1.72	1.91
Avondale	1.54	1.53	1.51	1.87	1.47	1.45
Source	Self-reported by participating Valley Cities.					
	*Note: In FY 2018-19, the City of Phoenix implemented a park reclassification process resulting in a rise in developed park acreage and a decline in natural preserve area acreage. In addition, the golf course and stadium measures now include facilities that are owned by the City of Phoenix but not managed by its Parks and Recreation Department.					

	*Note: In FY 2018-19, the City of Chandler submitted corrections to FY 2017-18 to golf course acreage.
	*Note: In FY 2018-19, corrections were submitted to the City of Tempe's FY 2016-17 population data resulting in updates to FY 2016-17 measures calculated per resident.
	*Note: In FY 2018-19, all measures calculated per resident from FY 2013-14, FY 2014-15, FY 2015-16, and FY 2016-17 were updated to reflect corrections made to population data in FY 2017-18 across all cities.

Park Acreage for Public Use - Developed Park Acreage						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Phoenix	5,148	5,148	5,148	5,148	5,149	9,334*
Mesa	1,758	1,807	1,883	1,941	1,941	2,866
Tempe	1,070	1,070	1,070	1,070	1,070	1,070
Chandler	976	996	1,007	1,023	1,035	1,045
Scottsdale	975	975	975	975	975	975
Glendale	835	835	835	835	847	847
Gilbert	423	423	423	423	423	483
Peoria	353	360	360	445	445	445
Surprise	226	231	231	231	239	239
Goodyear	210	210	210	210	210	210
Avondale	120	120	120	120	120	120
Source	Self-reported by participating Valley Cities.					
	*Note: In FY 2018-19, the City of Phoenix implemented a park reclassification process resulting in a rise in developed park acreage.					

Park Acreage for Public Use - Natural Preserve Area Acreage						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Phoenix	41,292	41,292	41,440	41,440	41,440	36,243*
Scottsdale	30,165	30,165	30,165	30,165	30,560	30,560
Peoria	406	406	406	1,074	1,133	1,133
Glendale	1,112	1,112	1,112	1,112	1,112	1,112
Tempe	321	321	321	321	321	321
Gilbert	182	182	182	182	182	182
Avondale	73	73	73	73	80	130
Chandler	0	0	0	0	0	0
Goodyear	0	0	0	0	0	0
Mesa	0	0	0	0	0	0
Surprise	0	0	0	0	0	0
Source	Self-reported by participating Valley Cities					
	*Note: In FY 2018-19, the City of Phoenix implemented a park reclassification process resulting in a decline in natural preserve area acreage.					

Park Acreage for Public Use - Planned Park Acreage						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Phoenix	1,106	1,106	1,106	1,106	1,106	1,906
Mesa	801	801	475	458	861	716
Goodyear	240	244	244	371	371	371
Gilbert	0	0	337	378	387	327
Chandler	332	312	302	285	267	257
Peoria	130	130	120	120	120	130
Glendale	116	116	116	116	116	116
Avondale	61	61	45	126	45	59
Scottsdale	40	40	40	40	40	50
Surprise	14	9	9	9	0	0
Tempe	0	0	0	0	0	0
Source	Self-reported by participating Valley Cities					

Park Acreage for Public Use - Golf Course Acreage						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Phoenix	595	595	595	595	595	944*
Scottsdale	765	765	765	765	765	765
Chandler	236	236	236	236	236*	236
Tempe	220	220	220	220	220	220
Mesa	143	143	143	143	143	143
Glendale	90	90	90	90	90	90
Avondale	0	0	0	0	0	0
Gilbert	0	0	0	0	0	0
Goodyear	0	0	0	0	0	0
Peoria	0	0	0	0	0	0
Surprise	0	0	0	0	0	1
Source	Self-reported by participating Valley Cities					
	*Note: In FY 2018-19, City of Phoenix reclassified their park acreage. Golf course measures now include facilities that are owned by the City of Phoenix but not managed by its Parks and Recreation Department.					
	*Note: In FY 2018-19, City of Chandler submitted data corrections to their FY 2017-18 golf course acreage.					

Park Acreage for Public Use - Stadium Acreage						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Tempe	205	205	205	205	205	205
Peoria	125	125	125	125	125	125
Phoenix	56	56	56	56	56	123*
Surprise	96	96	96	96	96	96
Glendale	37	37	37	37	37	37
Mesa	30	30	30	30	30	30
Scottsdale	15	15	15	15	15	15
Goodyear	8	8	8	8	8	8
Avondale	0	0	0	0	0	0
Chandler	0	0	0	0	0	0
Gilbert	0	0	0	0	0	0
Source	Self-reported by participating Valley Cities.					
	*Note: In FY 2018-19, City of Phoenix reclassified their park acreage. The stadium measures now include facilities that are owned by the City of Phoenix but not managed by its Parks and Recreation Department.					

Miles of Trails per 1,000 Residents						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Scottsdale	1.36*	1.34*	1.33*	1.82*	1.93*	1.98
Phoenix	0.28	0.28	0.29	0.31	0.31	0.31
Glendale	0.15	0.15	0.14	0.14	0.19	0.20
Avondale	0.00	0.14	0.19	0.19	0.18	0.18
Peoria	0.16	0.17	0.17	0.16	0.17	0.16
Gilbert	0.17	0.17	0.16	0.16	0.16	0.16
Tempe	0.11	0.10	0.10	0.10	0.10	0.10
Goodyear	0.10	0.09	0.09	0.09	0.08	0.08
Chandler	0.03	0.05	0.05	0.05	0.05	0.04
Mesa	0.12	0.13	0.13	0.13	0.03	0.03
Surprise	0.03	0.02	0.02	0.02	0.02	0.02
Source	Self-reported by participating Valley Cities.					
	*Note: In FY 2018-19, City of Scottsdale submitted corrections between FY 2013-14 to FY 2017-18 to include shared use pathways in total miles of trails.					

*Note: In FY 2018-19, all measures calculated per resident (and per 1,000 residents) from FY 2013-14, FY 2014-15, FY 2015-16, and FY 2016-17 were updated to reflect corrections made to population data in FY 2017-18 across all cities.

Standardized Monthly Bill for Water (Higher Use)

	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Goodyear	\$58.15	\$52.30	\$58.15	\$65.96	\$86.73	\$97.68
Surprise	\$63.25	\$63.25	\$68.45	\$74.06	\$80.10	\$86.75
Mesa	\$72.25	\$67.38	\$72.25	\$77.35	\$82.73	\$85.66
Avondale	\$57.16	\$58.16	\$58.16	\$58.16	\$63.88	\$71.65
Peoria	\$63.55	\$63.55	\$63.55	\$66.02	\$68.03	\$69.82
Scottsdale	\$66.45	\$66.80	\$65.45	\$66.45	\$66.45	\$69.15
Tempe	\$64.48	\$63.26	\$63.26	\$64.48	\$64.48	\$67.49
Phoenix	\$63.85	\$61.58	\$61.58	\$61.58	\$66.15	\$66.75
Glendale	\$61.88	\$61.88	\$61.88	\$61.88	\$61.88	\$65.27
Chandler	\$57.16	\$43.27	\$43.27	\$43.47	\$43.47	\$43.78
Gilbert	\$40.67	\$40.67	\$40.67	\$40.67	\$40.67	\$40.67
Source	Scottsdale analysis of Valley Cities rates.					

Standardized Monthly Bill for Sewer (Higher Use)

	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Goodyear	\$101.77	\$101.77	\$101.77	\$104.78	\$107.94	\$110.07
Avondale	\$44.29	\$44.29	\$44.29	\$44.29	\$48.66	\$55.37
Glendale	\$51.92	\$51.92	\$51.92	\$51.92	\$51.92	\$54.70
Mesa	\$49.49	\$46.26	\$49.49	\$49.17	\$51.64	\$53.73
Phoenix	\$38.55	\$45.18	\$45.18	\$45.18	\$48.53	\$49.52
Tempe	\$47.18	\$46.10	\$46.10	\$47.18	\$47.18	\$47.18
Scottsdale	\$34.56	\$34.47	\$34.06	\$34.56	\$34.56	\$34.81
Peoria	\$33.58	\$33.58	\$33.58	\$33.73	\$34.16	\$34.70
Gilbert	\$30.78	\$30.78	\$30.78	\$30.78	\$30.78	\$30.78
Chandler	\$24.17	\$24.17	\$24.17	\$26.35	\$26.35	\$27.32
Surprise	\$24.78	\$24.78	\$24.78	\$24.78	\$24.78	\$24.78
Source	Scottsdale analysis of Valley Cities rates.					

Standardized Monthly Bill for Water (Lower Use)

	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Surprise	\$33.79	\$33.79	\$36.56	\$39.55	\$42.77	\$46.33
Mesa	\$46.63	\$37.04	\$40.58	\$42.63	\$44.74	\$46.33
Goodyear	\$26.72	\$24.00	\$26.72	\$30.31	\$40.59	\$45.81
Scottsdale	\$34.15	\$34.60	\$33.65	\$34.15	\$34.15	\$35.45
Glendale	\$33.18	\$33.18	\$33.18	\$33.18	\$33.18	\$35.05
Peoria	\$33.49	\$32.49	\$32.49	\$33.20	\$34.12	\$35.00
Tempe	\$33.16	\$34.20	\$34.20	\$33.16	\$33.16	\$33.97
Avondale	\$22.18	\$23.18	\$23.18	\$23.18	\$25.47	\$28.27
Phoenix	\$24.10	\$22.90	\$22.90	\$22.90	\$24.74	\$25.20
Chandler	\$24.51	\$24.51	\$24.51	\$24.51	\$24.51	\$24.75
Gilbert	\$24.35	\$24.35	\$24.35	\$24.35	\$24.35	\$24.35
Source	Scottsdale analysis of Valley Cities rates.					

Standardized Monthly Bill for Sewer (Lower Use)

	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Goodyear	\$69.35	\$67.36	\$67.36	\$69.35	\$71.44	\$72.85
Glendale	\$37.68	\$37.68	\$37.68	\$37.68	\$37.68	\$39.70
Avondale	\$31.61	\$31.61	\$31.61	\$31.61	\$34.58	\$39.21
Mesa	\$34.41	\$31.74	\$34.41	\$33.33	\$35.00	\$36.41
Phoenix	\$26.04	\$30.45	\$30.45	\$30.45	\$32.69	\$33.35

Tempe	\$28.71	\$28.00	\$28.00	\$28.72	\$28.72	\$28.72
Chandler	\$24.17	\$24.17	\$24.17	\$26.35	\$26.35	\$27.32
Peoria	\$24.86	\$24.86	\$24.86	\$25.37	\$25.80	\$26.26
Gilbert	\$25.82	\$25.82	\$25.82	\$25.82	\$25.82	\$25.82
Surprise	\$24.78	\$24.78	\$24.78	\$24.78	\$24.78	\$24.78
Scottsdale	\$24.04	\$23.43	\$23.54	\$24.04	\$24.04	\$24.29
Source	Scottsdale analysis of Valley Cities rates.					

Percent of Single Family Residential Waste Diverted through Recycling (%)						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Scottsdale	24%	24%	24%	25%	26%	28%
Surprise	23%	22%	22%	21%	20%	25%
Tempe	20%	19%	19%	19%	22%	23%
Goodyear	25%	25%	24%	23%	22%	22%
Chandler	25%	27%	27%	25%	21%	21%
Gilbert	17%	21%	22%	22%	21%	21%
Peoria	23%	23%	23%	23%	21%	21%
Mesa	23%	26%	22%	22%	19%	19%
Phoenix	19%	19%	19%	19%	19%	18%
Avondale	18%	19%	16%	19%	19%	18%
Glendale	14%	14%	14%	13%	16%	12%
Source	Self-reported by participating Valley Cities.					

Full Time Equivalent (FTE) per 1,000 Residents						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Scottsdale	10.70	10.65	10.60	10.40	10.35	10.31
Tempe	9.30	9.27	9.23	9.09	9.27	9.17
Phoenix	9.84	9.65	9.39	9.20	9.14	9.11
Mesa	8.08	8.16	7.94	8.03	7.97	7.99
Goodyear	7.22	7.23	7.02	6.96	7.03	7.60*
Glendale	6.82	7.39	7.38	7.43	7.44	7.49
Peoria	7.02	7.06	7.07	7.14	7.01	7.26
Surprise	6.02	6.30	6.36	6.70	6.77	6.78
Chandler	6.59	6.62	6.66	6.57	6.53	6.43
Avondale	6.32	6.40	6.38	6.44	6.47	6.33
Gilbert	5.42	5.47	5.45	5.43	5.51	5.51
Source	Self-reported by participating Valley Cities					
	*Note: In FY 2018-19 the City of Goodyear began counting part-time employees as part of the FTE count.					
	*Note: In FY 2018-19, all measures calculated per resident (and per 1,000 residents) from FY 2014-15, FY 2015-16, and FY 2016-17 were updated to reflect corrections made to population data in FY 2017-18 across all cities.					

Total Full Time Equivalent (FTE)						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Phoenix	14,872.37	14,585.10	14,421.20	14,354.00	14,440.00	14,560.00
Mesa	3,710.55	3,744.60	3,703.70	3,805.10	3,833.90	3,907.50
Scottsdale	2,431.01	2,417.65	2,475.50	2,491.22	2,510.44	2,531.45
Glendale	1,592.34	1,726.70	1,742.25	1,771.00	1,785.25	1,812.25
Tempe	1,588.82	1,584.10	1,604.75	1,631.75	1,667.50	1,699.25
Chandler	1,595.36	1,602.80	1,634.23	1,650.93	1,684.68	1,686.68
Gilbert	1,238.16	1,248.72	1,275.00	1,305.91	1,357.49	1,395.01
Peoria	1,115.79	1,121.87	1,145.62	1,191.87	1,203.60	1,277.95
Surprise	748.02	782.00	803.60	860.50	881.20	901.24
Goodyear	511.00	527.00	531.00	548.00	572.00	644.00*
Avondale	496.07	502.75	507.25	525.75	528.00	522.75

Source	Self-reported by participating Valley Cities.
	*Note: In FY 2018-19 the City of Goodyear began counting part-time employees as part of the FTE count.
	*Note: In FY 2018-19, data for "Total Full Time Equivalent" in FY 2014-15 and FY 2015-16 was corrected for all cities.

Bond Rating (most recent General Obligation Bond Rating)						
	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Avondale	AA	AA	AA-	AAA	AAA	AAA
Chandler	AAA	AAA	AAA	AAA	AAA	AAA
Gilbert	AA+	AAA	AAA	AAA	AAA	AAA
Peoria	AA+	AA+	AA+	AAA	AAA	AAA
Scottsdale	AAA	AAA	AAA	AAA	AAA	AAA
Tempe	AAA	AAA	AAA	AAA	AAA	AAA
Glendale	BBB+	BBB+	A+	A+	A+	AAA
Phoenix	AA+	AA+	AA+	AA+	AA+	AA+
Surprise	AA-	AA	AA+	AA+	AA	AA+
Mesa	AA-	AA-	AA-	AA-	AA-	AA
Goodyear	AA	AA	AA	AA	AA	AA
Source	Self-reported by participating Valley Cities					

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